Clinicomp FHIR Server API

Version: 6.2.1
BaseUrl:/fhir
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Overview

Schema
All API access is over HTTPS, TLS1.2 or above required. All data is sent and received as JSON or XML. Blank fields are omitted. All timestamps are returned in FHIR standard date/dateTime formats. See https://hl7.org/fhir/R4/resourcelist.html for detailed Resource schemas

Important: Only TLS 1.2 or above connections are accepted. All plaintext connections will be refused.

Media Types
Clinicomp EHR supports the R4 FHIR standard defined media type for JSON content: application/fhir+json

Root URL
EHR Production root URL: https://mum8.clinicomp.com:8445/fhir
FHIR API requests will be made against URLs of the following format. :rootURL/:resource[?:parameters]

Resource
The FHIR standard resource to access. Example: Patient

Parameters
Most API methods take ResourceId, search criteria and other optional parameters.

Resource Identity
Please note that no IDs or Identifiers in the FHIR server are intended to be used outside of the context of their complete URL. A complete URL consists of the service root url, the resource, id, type and the parameters (if any).

Errors
Error codes
The Clinicomp EHR FHIR server will return standard HTTP Error codes, here are some you might want to know:
- A 400 Bad Request response can be received for a variety of reasons such as making a request with an invalid query parameter. For example searching Patient resource with the “wrongparame” query param:

```
GET rootURL/Patient?wrongparam=abcd
  -> HTTP/1.1 400 Bad Request
```

- A 404 Not Found response can be received when making a request with an invalid or unsupported resource type or if a specific FHIR resource is not found for a certain ID. For example if you request the "NotExistResource" that does not exist:

```
GET rootURL/NotExistResource
  HTTP/1.1 404 Not Found
```

- A 403 Forbidden response is received when making a request the client does not have permissions to make. For example if your token only allows access to one Patient's resources but you request all Patient resources:

```
GET rootURL/Patient
  HTTP/1.1 403 Forbidden
```
**OperationOutcome**

For most errors we will include a response body in the form of an OperationOutcome FHIR resource. You will find more information about the error within the resource in the issue.diagnostics.

```json
{
    "resourceType": "OperationOutcome",
    "text": {
        "status": "generated",
    },
    "issue": [{
        "severity": "error",
        "code": "processing",
        "diagnostics": "HAPI-2001: Resource Patient/dfdsfddf is not known"
    }]
}
```

**Validation**

When making create or update requests to the FHIR server the payloads will be validated according to the FHIR Release 4 specifications([http://hl7.org/fhir/R4/index.html](http://hl7.org/fhir/R4/index.html)). Any get or search requests will return payloads that conform to the FHIR specifications.

**Authentication**

SMART app on FHIR applications need to be registered before they can be used. To start the registration process, please submit a request by filling out this form([https://mum8.clinicomp.com/ppt/ui/logon](https://mum8.clinicomp.com/ppt/ui/logon)). Clinicomp EHR will review your request and if you are approved you will receive an OAuth client_id to use on subsequent requests following the protocols specified in the official SMART App Authorization Guide.

Registration Services Endpoint: [https://mum8.clinicomp.com/oauth/register](https://mum8.clinicomp.com/oauth/register)

Clinicomp FHIR APIs are authenticated using the OAuth 2.0 protocol. All API requests must include an Authorization header with an Access Token of the form:

```
Authorization: Bearer MY_JWT_TOKEN
```

OAuth 2.0 Authorize Endpoint: [https://mum8.clinicomp.com/oauth/auth](https://mum8.clinicomp.com/oauth/auth)

OAuth 2.0 Token Endpoint: [https://mum8.clinicomp.com/oauth/token](https://mum8.clinicomp.com/oauth/token)

Confidential clients, such as web apps, which are capable of securely storing credentials will be issued a client_secret that may be used in conjunction with the client_id to form an authorization grant, which can be used to obtain refresh and access tokens. Our refresh tokens are long-lived and conform to Health IT criteria documented here.

Public applications, such as native apps, which are incapable of securely storing credentials will not be issued a client_secret. Instead, the authorization_code grant flow will be used to issue refresh tokens. As recommended in the OAuth 2.0 Authorization Framework spec (RFC 6749), we require additional security measures when issuing refresh tokens to native applications. Specifically, we enforce refresh token rotation for all public applications, which is an auth flow in which each refresh token issued is valid for one use only. Whenever a public application uses a refresh token to request an access token, a new refresh token will be returned in the response body in addition to the requested access token.

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- GET /DeviceMetric/{id}/$meta
- PATCH /DeviceMetric
- PUT /DeviceMetric
- GET /DeviceMetric/{id}/$validate
- GET /DeviceMetric/$meta
- POST /DeviceMetric
- GET /DeviceMetric/$validate

DeviceRequest

- POST /DeviceRequest/$expunge
- GET /DeviceRequest
- GET /DeviceRequest/_history
- DELETE /DeviceRequest/{id}
- POST /DeviceRequest/{id}/$expunge
- GET /DeviceRequest
- GET /DeviceRequest/{id}/_history
- GET /DeviceRequest/{id}/history/{version_id}
- POST /DeviceRequest/{id}/$meta-add
- POST /DeviceRequest/{id}/$meta-delete
- GET /DeviceRequest/{id}/$meta
- PATCH /DeviceRequest
- PUT /DeviceRequest
- GET /DeviceRequest/$validate
- GET /DeviceRequest/$meta
- POST /DeviceRequest
- GET /DeviceRequest/$validate

DeviceUseStatement

- POST /DeviceUseStatement/$expunge
- GET /DeviceUseStatement
- GET /DeviceUseStatement/_history
- DELETE /DeviceUseStatement/{id}
- GET /DeviceUseStatement/{id}
- GET /DeviceUseStatement/{id}/_history
- GET /DeviceUseStatement/{id}/_history/{version_id}
- POST /DeviceUseStatement/{id}/$expunge
- POST /DeviceUseStatement/{id}/$meta-add
- POST /DeviceUseStatement/{id}/$meta-delete
- GET /DeviceUseStatement/{id}/$meta
- PATCH /DeviceUseStatement/{id}
- PUT /DeviceUseStatement/{id}
- GET /DeviceUseStatement/{id}/$validate
- GET /DeviceUseStatement/$meta

**DiagnosticReport**

- POST /DiagnosticReport/$expunge
- GET /DiagnosticReport
- GET /DiagnosticReport/_history
- DELETE /DiagnosticReport/{id}
- POST /DiagnosticReport/{id}/$expunge
- GET /DiagnosticReport/{id}
- GET /DiagnosticReport/{id}/_history
- GET /DiagnosticReport/{id}/_history/{version_id}
- POST /DiagnosticReport/{id}/$meta-add
- POST /DiagnosticReport/{id}/$meta-delete
- GET /DiagnosticReport/{id}/$meta
- PATCH /DiagnosticReport/{id}
- PUT /DiagnosticReport/{id}
- GET /DiagnosticReport/{id}/$validate
- GET /DiagnosticReport/$meta

**DocumentManifest**

- POST /DocumentManifest/$expunge
- GET /DocumentManifest
- GET /DocumentManifest/_history
- DELETE /DocumentManifest/{id}
- POST /DocumentManifest/{id}/$expunge
- GET /DocumentManifest/{id}
- GET /DocumentManifest/{id}/_history
- GET /DocumentManifest/{id}/_history/{version_id}
- POST /DocumentManifest/{id}/$meta-add
- POST /DocumentManifest/{id}/$meta-delete
- GET /DocumentManifest/{id}/$meta
- PATCH /DocumentManifest/{id}
- PUT /DocumentManifest/{id}
- GET /DocumentManifest/{id}/$validate
- GET /DocumentManifest/$meta

**DocumentReference**

- POST /DocumentReference/$expunge
- GET /DocumentReference
- GET /DocumentReference/_history
- DELETE /DocumentReference/{id}
- POST /DocumentReference/{id}/$expunge
- GET /DocumentReference/{id}
- GET /DocumentReference/{id}/_history
- GET /DocumentReference/{id}/_history/{version_id}
- POST /DocumentReference/{id}/$meta-add
- POST /DocumentReference/{id}/$meta-delete
- GET /DocumentReference/{id}/$meta
- PATCH /DocumentReference/{id}
- PUT /DocumentReference/{id}
- GET /DocumentReference/{id}/$validate
- GET /DocumentReference/$meta
- POST /DocumentReference
- GET /DocumentReference/$validate

**EffectEvidenceSynthesis**

- POST /EffectEvidenceSynthesis/$expunge
- GET /EffectEvidenceSynthesis
- GET /EffectEvidenceSynthesis/_history
- DELETE /EffectEvidenceSynthesis/{id}
- POST /EffectEvidenceSynthesis/{id}/$expunge
- GET /EffectEvidenceSynthesis/{id}
- GET /EffectEvidenceSynthesis/{id}/_history
- GET /EffectEvidenceSynthesis/{id}/_history/{version_id}
- POST /EffectEvidenceSynthesis/{id}/$meta-add
- POST /EffectEvidenceSynthesis/{id}/$meta-delete
- GET /EffectEvidenceSynthesis/{id}/$meta
- PATCH /EffectEvidenceSynthesis/{id}
- PUT /EffectEvidenceSynthesis/{id}
- GET /EffectEvidenceSynthesis/{id}/$validate
- GET /EffectEvidenceSynthesis/$meta
- POST /EffectEvidenceSynthesis
- GET /EffectEvidenceSynthesis/$validate

**Encounter**

- GET /Encounter/$everything
- POST /Encounter/$expunge
- GET /Encounter
- GET /Encounter/_history
- DELETE /Encounter/{id}
- GET /Encounter/{id}/$everything
- POST /Encounter/{id}/$expunge
- GET /Encounter/{id}
- GET /Encounter/{id}/_history
- GET /Encounter/{id}/_history/{version_id}
- POST /Encounter/{id}/$meta-add
- POST /Encounter/{id}/$meta-delete
- GET /Encounter/{id}/$meta
- PATCH /Encounter/{id}
- PUT /Encounter/{id}
- GET /Encounter/{id}/$validate
- GET /Encounter/$meta
- POST /Encounter
- GET /Encounter/$validate

**Endpoint**

- POST /Endpoint/$expunge
- GET /Endpoint
- GET /Endpoint/_history
- DELETE /Endpoint/{id}
- POST /Endpoint/{id}/$expunge
- GET /Endpoint/{id}
- GET /Endpoint/{id}/_history
- GET /Endpoint/{id}/_history/{version_id}
- POST /Endpoint/{id}/$meta-add
- POST /Endpoint/{id}/$meta-delete
- GET /Endpoint/{id}/$meta
- PATCH /Endpoint/{id}
- PUT /Endpoint/{id}
- GET /Endpoint/{id}/$validate
- GET /Endpoint/$meta
- POST /Endpoint
- GET /Endpoint/$validate

**EnrollmentRequest**

- POST /EnrollmentRequest/$expunge
- GET /EnrollmentRequest
- GET /EnrollmentRequest/_history
- DELETE /EnrollmentRequest/{id}
- POST /EnrollmentRequest/{id}/$expunge
- GET /EnrollmentRequest/{id}
- GET /EnrollmentRequest/{id}/_history
- GET /EnrollmentRequest/{id}/_history/{version_id}
- POST /EnrollmentRequest/{id}/$meta-add
- POST /EnrollmentRequest/{id}/$meta-delete
- GET /EnrollmentRequest/{id}/$meta
- PATCH /EnrollmentRequest/{id}
- PUT /EnrollmentRequest/{id}
- GET /EnrollmentRequest/{id}/$validate
- GET /EnrollmentRequest/$meta
- POST /EnrollmentRequest
- GET /EnrollmentRequest/$validate

**EnrollmentResponse**

- POST /EnrollmentResponse/$expunge
- GET /EnrollmentResponse
- GET /EnrollmentResponse/_history
- DELETE /EnrollmentResponse/{id}
- POST /EnrollmentResponse/{id}/$expunge
- GET /EnrollmentResponse/{id}
- GET /EnrollmentResponse/{id}/_history
- GET /EnrollmentResponse/{id}/_history/{version_id}
- POST /EnrollmentResponse/{id}/$meta-add
- POST /EnrollmentResponse/{id}/$meta-delete
- GET /EnrollmentResponse/{id}/$meta
- PATCH /EnrollmentResponse/{id}
- PUT /EnrollmentResponse/{id}
- GET /EnrollmentResponse/{id}/$validate
- GET /EnrollmentResponse/$meta
- POST /EnrollmentResponse
- GET /EnrollmentResponse/$validate

**EpisodeOfCare**

- POST /EpisodeOfCare/$expunge
- GET /EpisodeOfCare
- GET /EpisodeOfCare/_history
- DELETE /EpisodeOfCare/{id}
- POST /EpisodeOfCare/{id}/$expunge
- GET /EpisodeOfCare/{id}
- GET /EpisodeOfCare/{id}/_history
- GET /EpisodeOfCare/{id}/_history/{version_id}
- POST /EpisodeOfCare/{id}/$meta-add
- POST /EpisodeOfCare/{id}/$meta-delete
- GET /EpisodeOfCare/{id}/$meta
- PATCH /EpisodeOfCare/{id}
- PUT /EpisodeOfCare/{id}
- GET /EpisodeOfCare/{id}$/validate
- GET /EpisodeOfCare/$meta
- POST /EpisodeOfCare
- GET /EpisodeOfCare/$validate

**EventDefinition**

- POST /EventDefinition/$expunge
- GET /EventDefinition
- GET /EventDefinition/_history
- DELETE /EventDefinition/{id}
- POST /EventDefinition/{id}$/expunge
- GET /EventDefinition/{id}
- GET /EventDefinition/{id}/_history
- GET /EventDefinition/{id}/_history/{version_id}
- POST /EventDefinition/{id}$/meta-add
- POST /EventDefinition/{id}$/meta-delete
- GET /EventDefinition/{id}$/meta
- PATCH /EventDefinition/{id}
- PUT /EventDefinition/{id}
- GET /EventDefinition/{id}/$validate
- GET /EventDefinition/$meta
- GET /EventDefinition/$validate

**Evidence**

- POST /Evidence/$expunge
- GET /Evidence
- GET /Evidence/_history
- DELETE /Evidence/{id}
- POST /Evidence/{id}$/expunge
- GET /Evidence/{id}
- GET /Evidence/{id}/_history
- GET /Evidence/{id}/_history/{version_id}
- POST /Evidence/{id}$/meta-add
- POST /Evidence/{id}$/meta-delete
- GET /Evidence/{id}$/meta
- PATCH /Evidence/{id}
- PUT /Evidence/{id}
- GET /Evidence/{id}/$validate
- GET /Evidence/$meta
- POST /Evidence

**EvidenceVariable**

- POST /EvidenceVariable/$expunge
- GET /EvidenceVariable
- GET /EvidenceVariable/_history
- DELETE /EvidenceVariable/{id}
- POST /EvidenceVariable/{id}$/expunge
- GET /EvidenceVariable/{id}
- GET /EvidenceVariable/{id}/_history
- GET /EvidenceVariable/{id}/_history/{version_id}
- POST /EvidenceVariable/{id}$/meta-add
- POST /EvidenceVariable/{id}$/meta-delete
- GET /EvidenceVariable/{id}$/meta
- PATCH /EvidenceVariable/{id}
- PUT /EvidenceVariable/{id}
- GET /EvidenceVariable/{id}/$validate
- GET /EvidenceVariable/$meta
- POST /EvidenceVariable
- GET /EvidenceVariable/$validate

**ExampleScenario**

- POST /ExampleScenario/$expunge
- GET /ExampleScenario
- GET /ExampleScenario/_history
- DELETE /ExampleScenario/{id}
- POST /ExampleScenario/{id}/$expunge
- GET /ExampleScenario/{id}
- GET /ExampleScenario/{id}/_history
- GET /ExampleScenario/{id}/_history/{version_id}
- POST /ExampleScenario/{id}/$meta-add
- POST /ExampleScenario/{id}/$meta-delete
- GET /ExampleScenario/{id}/$meta
- PATCH /ExampleScenario/{id}
- PUT /ExampleScenario/{id}
- GET /ExampleScenario/{id}/$validate
- POST /ExampleScenario
- GET /ExampleScenario/$validate

**ExplanationOfBenefit**

- POST /ExplanationOfBenefit/$expunge
- GET /ExplanationOfBenefit
- GET /ExplanationOfBenefit/_history
- DELETE /ExplanationOfBenefit/{id}
- POST /ExplanationOfBenefit/{id}/$expunge
- GET /ExplanationOfBenefit/{id}
- GET /ExplanationOfBenefit/{id}/_history
- GET /ExplanationOfBenefit/{id}/_history/{version_id}
- POST /ExplanationOfBenefit/{id}/$meta-add
- POST /ExplanationOfBenefit/{id}/$meta-delete
- GET /ExplanationOfBenefit/{id}/$meta
- PATCH /ExplanationOfBenefit/{id}
- PUT /ExplanationOfBenefit/{id}
- GET /ExplanationOfBenefit/{id}/$validate
- POST /ExplanationOfBenefit
- GET /ExplanationOfBenefit/$validate

**FamilyMemberHistory**

- POST /FamilyMemberHistory/$expunge
- GET /FamilyMemberHistory
- GET /FamilyMemberHistory/_history
- DELETE /FamilyMemberHistory/{id}
- POST /FamilyMemberHistory/{id}/$expunge
- GET /FamilyMemberHistory/{id}
- GET /FamilyMemberHistory/{id}/_history
- GET /FamilyMemberHistory/{id}/_history/{version_id}
- POST /FamilyMemberHistory/{id}/$meta-add
- POST /FamilyMemberHistory/{id}/$meta-delete
- GET /FamilyMemberHistory/{id}/$meta
- PATCH /FamilyMemberHistory/{id}
- PUT /FamilyMemberHistory/{id}
- GET /FamilyMemberHistory/{id}/$validate
- GET /FamilyMemberHistory
- GET /FamilyMemberHistory/$validate

**Flag**
- POST /Flag/$expunge
- GET /Flag
- DELETE /Flag/{id}
- POST /Flag/{id}/$expunge
- GET /Flag/{id}
- GET /Flag/{id}/_history
- GET /Flag/{id}/_history/{version_id}
- POST /Flag/{id}/$meta-add
- POST /Flag/{id}/$meta-delete
- GET /Flag/{id}/$meta
- PATCH /Flag/{id}
- PUT /Flag/{id}
- GET /Flag/{id}/$validate
- GET /Flag/$meta
- POST /Flag
- GET /Flag/$validate

**Goal**

- POST /Goal/$expunge
- GET /Goal
- DELETE /Goal/{id}
- POST /Goal/{id}/$expunge
- GET /Goal/{id}
- GET /Goal/{id}/_history
- GET /Goal/{id}/_history/{version_id}
- POST /Goal/{id}/$meta-add
- POST /Goal/{id}/$meta-delete
- GET /Goal/{id}/$meta
- PATCH /Goal/{id}
- PUT /Goal/{id}
- GET /Goal/{id}/$validate
- GET /Goal/$meta
- POST /Goal
- GET /Goal/$validate

**GraphDefinition**

- POST /GraphDefinition/$expunge
- GET /GraphDefinition
- GET /GraphDefinition/_history
- DELETE /GraphDefinition/{id}
- POST /GraphDefinition/{id}/$expunge
- GET /GraphDefinition/{id}
- GET /GraphDefinition/{id}/_history
- GET /GraphDefinition/{id}/_history/{version_id}
- POST /GraphDefinition/{id}/$meta-add
- POST /GraphDefinition/{id}/$meta-delete
- GET /GraphDefinition/{id}/$meta
- PATCH /GraphDefinition/{id}
- PUT /GraphDefinition/{id}
- GET /GraphDefinition/{id}/$validate
- GET /GraphDefinition/$meta
- POST /GraphDefinition
- GET /GraphDefinition/$validate

**Group**

- GET /Group/$export
- POST /Group/$expunge
- GET /Group
- GET /Group/_history
- DELETE /Group/{id}
- POST /Group/{id}/$export
- POST /Group/{id}/$expunge
- GET /Group/{id}
- GET /Group/{id}/_history
- GET /Group/{id}/_history/{version_id}
- POST /Group/{id}/$meta-add
- POST /Group/{id}/$meta-delete
- GET /Group/{id}/$meta
- PATCH /Group/{id}
- PUT /Group/{id}
- GET /Group/{id}/$validate
- GET /Group/$meta
- POST /Group
- GET /Group/$validate

GuidanceResponse

- POST /GuidanceResponse/$expunge
- GET /GuidanceResponse
- GET /GuidanceResponse/_history
- DELETE /GuidanceResponse/{id}
- POST /GuidanceResponse/{id}/$expunge
- GET /GuidanceResponse/{id}
- GET /GuidanceResponse/{id}/_history
- GET /GuidanceResponse/{id}/_history/{version_id}
- POST /GuidanceResponse/{id}/$meta-add
- POST /GuidanceResponse/{id}/$meta-delete
- GET /GuidanceResponse/{id}/$meta
- PATCH /GuidanceResponse/{id}
- PUT /GuidanceResponse/{id}
- GET /GuidanceResponse/{id}/$validate
- GET /GuidanceResponse/$meta
- POST /GuidanceResponse
- GET /GuidanceResponse/$validate

HealthcareService

- POST /HealthcareService/$expunge
- GET /HealthcareService
- GET /HealthcareService/_history
- DELETE /HealthcareService/{id}
- POST /HealthcareService/{id}/$expunge
- GET /HealthcareService/{id}
- GET /HealthcareService/{id}/_history
- GET /HealthcareService/{id}/_history/{version_id}
- POST /HealthcareService/{id}/$meta-add
- POST /HealthcareService/{id}/$meta-delete
- GET /HealthcareService/{id}/$meta
- PATCH /HealthcareService/{id}
- PUT /HealthcareService/{id}
- GET /HealthcareService/{id}/$validate
- GET /HealthcareService/$meta
- POST /HealthcareService
- GET /HealthcareService/$validate

ImagingStudy

- POST /ImagingStudy/$expunge
- GET /ImagingStudy
- GET /ImagingStudy/_history
- DELETE /ImagingStudy/{id}
- POST /ImagingStudy/{id}/$expunge
- GET /ImagingStudy/{id}
GET /ImagingStudy/{id}/_history
GET /ImagingStudy/{id}/_history/{version_id}
POST /ImagingStudy/{id}/$meta-add
POST /ImagingStudy/{id}/$meta-delete
GET /ImagingStudy/{id}/$meta
PATCH /ImagingStudy/{id}
PUT /ImagingStudy/{id}
GET /ImagingStudy/{id}/$validate
GET /ImagingStudy
POST /ImagingStudy
GET /ImagingStudy/$validate

Immunization

POST /Immunization/$expunge
GET /Immunization
GET /Immunization/history
DELETE /Immunization/{id}
POST /Immunization/{id}/$expunge
GET /Immunization/{id}
GET /Immunization/{id}/_history
GET /Immunization/{id}/_history/{version_id}
POST /Immunization/{id}/$meta-add
POST /Immunization/{id}/$meta-delete
GET /Immunization/{id}/$meta
PATCH /Immunization/{id}
PUT /Immunization/{id}
GET /Immunization/{id}/$validate
GET /Immunization
GET /Immunization/$validate

ImmunizationEvaluation

POST /ImmunizationEvaluation/$expunge
GET /ImmunizationEvaluation
GET /ImmunizationEvaluation/history
DELETE /ImmunizationEvaluation/{id}
POST /ImmunizationEvaluation/{id}/$expunge
GET /ImmunizationEvaluation/{id}
GET /ImmunizationEvaluation/{id}/_history
GET /ImmunizationEvaluation/{id}/_history/{version_id}
POST /ImmunizationEvaluation/{id}/$meta-add
POST /ImmunizationEvaluation/{id}/$meta-delete
GET /ImmunizationEvaluation/{id}/$meta
PATCH /ImmunizationEvaluation/{id}
PUT /ImmunizationEvaluation/{id}
GET /ImmunizationEvaluation/{id}/$validate
GET /ImmunizationEvaluation
GET /ImmunizationEvaluation/$validate

ImmunizationRecommendation

POST /ImmunizationRecommendation/$expunge
GET /ImmunizationRecommendation
GET /ImmunizationRecommendation/history
DELETE /ImmunizationRecommendation/{id}
POST /ImmunizationRecommendation/{id}/$expunge
GET /ImmunizationRecommendation/{id}
GET /ImmunizationRecommendation/{id}/_history
GET /ImmunizationRecommendation/{id}/_history/{version_id}
POST /ImmunizationRecommendation/{id}/$meta-add
POST /ImmunizationRecommendation/{id}/$meta-delete
- GET /ImmunizationRecommendation/{id}/$meta
- PATCH /ImmunizationRecommendation/{id}
- PUT /ImmunizationRecommendation/{id}
- GET /ImmunizationRecommendation/{id}/$validate
- GET /ImmunizationRecommendation/$meta
- POST /ImmunizationRecommendation
- GET /ImmunizationRecommendation/$validate

**ImplementationGuide**

- POST /ImplementationGuide/$expunge
- GET /ImplementationGuide
- GET /ImplementationGuide/ history
- DELETE /ImplementationGuide/{id}
- POST /ImplementationGuide/{id}/$expunge
- GET /ImplementationGuide/{id}
- GET /ImplementationGuide/{id}/_history
- POST /ImplementationGuide/{id}/$expunge
- GET /ImplementationGuide/{id}/$meta
- PATCH /ImplementationGuide/{id}
- PUT /ImplementationGuide/{id}
- GET /ImplementationGuide/{id}/$validate
- GET /ImplementationGuide/$meta
- POST /ImplementationGuide
- GET /ImplementationGuide/$validate

**InsurancePlan**

- POST /InsurancePlan/$expunge
- GET /InsurancePlan
- GET /InsurancePlan/ history
- DELETE /InsurancePlan/{id}
- POST /InsurancePlan/{id}/$expunge
- GET /InsurancePlan/{id}
- GET /InsurancePlan/{id}/_history
- POST /InsurancePlan/{id}/$expunge
- GET /InsurancePlan/{id}/$meta
- PATCH /InsurancePlan/{id}
- PUT /InsurancePlan/{id}
- GET /InsurancePlan/{id}/$validate
- GET /InsurancePlan/$meta
- POST /InsurancePlan
- GET /InsurancePlan/$validate

**Invoice**

- POST /Invoice/$expunge
- GET /Invoice
- GET /Invoice/ history
- DELETE /Invoice/{id}
- POST /Invoice/{id}/$expunge
- GET /Invoice/{id}
- GET /Invoice/{id}/_history
- POST /Invoice/{id}/$expunge
- GET /Invoice/{id}/$meta
- PATCH /Invoice/{id}
- PUT /Invoice/{id}
- GET /Invoice/{id}/$validate
**Library**

- POST /Library/$expunge
- GET /Library
- GET /Library/ history
- DELETE /Library/{id}
- POST /Library/{id}/$expunge
- GET /Library/{id}
- GET /Library/{id}/ history
- GET /Library/{id}/ history/{version_id}
- POST /Library/{id}/$meta-add
- POST /Library/{id}/$meta-delete
- GET /Library/{id}/$meta
- PATCH /Library/{id}
- PUT /Library/{id}
- GET /Library/{id}/$validate
- GET /Library/$meta
- POST /Library
- GET /Library/$validate

**Linkage**

- POST /Linkage/$expunge
- GET /Linkage
- GET /Linkage/ history
- DELETE /Linkage/{id}
- POST /Linkage/{id}/$expunge
- GET /Linkage/{id}
- GET /Linkage/{id}/ history
- GET /Linkage/{id}/ history/{version_id}
- POST /Linkage/{id}/$meta-add
- POST /Linkage/{id}/$meta-delete
- GET /Linkage/{id}/$meta
- PATCH /Linkage/{id}
- PUT /Linkage/{id}
- GET /Linkage/{id}/$validate
- GET /Linkage/$meta
- POST /Linkage
- GET /Linkage/$validate

**List**

- POST /List/$expunge
- GET /List
- GET /List/ history
- DELETE /List/{id}
- POST /List/{id}/$expunge
- GET /List/{id}
- GET /List/{id}/ history
- GET /List/{id}/ history/{version_id}
- POST /List/{id}/$meta-add
- POST /List/{id}/$meta-delete
- GET /List/{id}/$meta
- PATCH /List/{id}
- PUT /List/{id}
- GET /List/{id}/$validate
- GET /List/$meta
- POST /List
- GET /List/$validate
Location

- POST /Location/$expunge
- GET /Location
- GET /Location/_history
- DELETE /Location/{id}
- POST /Location/{id}/$expunge
- GET /Location/
- GET /Location/{id}/_history
- GET /Location/{id}/_history/{version_id}
- POST /Location/{id}/$meta-add
- POST /Location/{id}/$meta-delete
- GET /Location/{id}/$meta
- PATCH /Location/{id}
- PUT /Location/{id}
- GET /Location/{id}/$validate
- GET /Location/$meta

Measure

- POST /Measure/$expunge
- GET /Measure
- GET /Measure/_history
- DELETE /Measure/{id}
- POST /Measure/{id}/$expunge
- GET /Measure/
- GET /Measure/{id}/_history
- GET /Measure/{id}/_history/{version_id}
- POST /Measure/{id}/$meta-add
- POST /Measure/{id}/$meta-delete
- GET /Measure/{id}/$meta
- PATCH /Measure/{id}
- PUT /Measure/{id}
- GET /Measure/{id}/$validate
- GET /Measure/$meta

MeasureReport

- POST /MeasureReport/$expunge
- GET /MeasureReport
- GET /MeasureReport/_history
- DELETE /MeasureReport/{id}
- POST /MeasureReport/{id}/$expunge
- GET /MeasureReport/
- GET /MeasureReport/{id}/_history
- GET /MeasureReport/{id}/_history/{version_id}
- POST /MeasureReport/{id}/$meta-add
- POST /MeasureReport/{id}/$meta-delete
- GET /MeasureReport/{id}/$meta
- PATCH /MeasureReport/{id}
- PUT /MeasureReport/{id}
- GET /MeasureReport/{id}/$validate
- GET /MeasureReport/$meta

Media

- POST /Media/$expunge
- GET /Media
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- `GET /Media/_history`
- `DELETE /Media/{id}`
- `POST /Media/{id}/$expunge`
- `GET /Media/{id}`
- `GET /Media/{id}/_history`
- `GET /Media/{id}/_history/{version_id}`
- `POST /Media/{id}/$meta-add`
- `POST /Media/{id}/$meta-delete`
- `GET /Media/{id}/$meta`
- `PATCH /Media/{id}`
- `PUT /Media/{id}`
- `GET /Media/{id}/$validate`
- `GET /Media/$meta`
- `POST /Media`
- GET /MedicationDispense/{id}/_history
- GET /MedicationDispense/{id}/_history/{version_id}
- POST /MedicationDispense/{id}/$meta-add
- POST /MedicationDispense/{id}/$meta-delete
- GET /MedicationDispense/{id}/$meta
- PATCH /MedicationDispense/{id}
- PUT /MedicationDispense/{id}
- GET /MedicationDispense/{id}/$validate
- POST /MedicationDispense
- GET /MedicationDispense
- GET /MedicationDispense/$validate

**MedicationKnowledge**

- POST /MedicationKnowledge/$expunge
- GET /MedicationKnowledge
- GET /MedicationKnowledge/_history
- DELETE /MedicationKnowledge/{id}
- POST /MedicationKnowledge/{id}/$expunge
- GET /MedicationKnowledge/{id}
- GET /MedicationKnowledge/{id}/_history
- GET /MedicationKnowledge/{id}/_history/{version_id}
- POST /MedicationKnowledge/{id}/$meta-add
- POST /MedicationKnowledge/{id}/$meta-delete
- GET /MedicationKnowledge/{id}/$meta
- PATCH /MedicationKnowledge/{id}
- PUT /MedicationKnowledge/{id}
- GET /MedicationKnowledge/{id}/$validate
- GET /MedicationKnowledge
- GET /MedicationKnowledge/$validate

**MedicationRequest**

- POST /MedicationRequest/$expunge
- GET /MedicationRequest
- GET /MedicationRequest/_history
- DELETE /MedicationRequest/{id}
- POST /MedicationRequest/{id}/$expunge
- GET /MedicationRequest/{id}
- GET /MedicationRequest/{id}/_history
- GET /MedicationRequest/{id}/_history/{version_id}
- POST /MedicationRequest/{id}/$meta-add
- POST /MedicationRequest/{id}/$meta-delete
- GET /MedicationRequest/{id}/$meta
- PATCH /MedicationRequest/{id}
- PUT /MedicationRequest/{id}
- GET /MedicationRequest/{id}/$validate
- GET /MedicationRequest
- GET /MedicationRequest/$validate

**MedicationStatement**

- POST /MedicationStatement/$expunge
- GET /MedicationStatement
- GET /MedicationStatement/_history
- DELETE /MedicationStatement/{id}
- POST /MedicationStatement/{id}/$expunge
- GET /MedicationStatement/{id}
- GET /MedicationStatement/{id}/_history
- GET /MedicationStatement/{id}/_history/{version_id}
- POST /MedicationStatement/{id}/$meta-add
- POST /MedicationStatement/{id}/$meta-delete
- GET /MedicationStatement/{id}/$meta
- PATCH /MedicationStatement/{id}
- PUT /MedicationStatement/{id}
- GET /MedicationStatement/{id}/$validate
- GET /MedicationStatement/$meta
- POST /MedicationStatement
- GET /MedicationStatement/$validate

**MedicinalProduct**

- POST /MedicinalProduct/$expunge
- GET /MedicinalProduct
- GET /MedicinalProduct/ history
- DELETE /MedicinalProduct/{id}
- POST /MedicinalProduct/{id}/$expunge
- GET /MedicinalProduct/{id}
- GET /MedicinalProduct/{id}/ history
- GET /MedicinalProduct/{id}/ history/{version_id}
- POST /MedicinalProduct/{id}/$meta-add
- POST /MedicinalProduct/{id}/$meta-delete
- GET /MedicinalProduct/{id}/$meta
- PATCH /MedicinalProduct/{id}
- PUT /MedicinalProduct/{id}
- GET /MedicinalProduct/{id}/$validate
- GET /MedicinalProduct/$meta
- POST /MedicinalProduct
- GET /MedicinalProduct/$validate

**MedicinalProductAuthorization**

- POST /MedicinalProductAuthorization/$expunge
- GET /MedicinalProductAuthorization
- GET /MedicinalProductAuthorization/ history
- DELETE /MedicinalProductAuthorization/{id}
- POST /MedicinalProductAuthorization/{id}/$expunge
- GET /MedicinalProductAuthorization/{id}
- GET /MedicinalProductAuthorization/{id}/ history
- GET /MedicinalProductAuthorization/{id}/ history/{version_id}
- POST /MedicinalProductAuthorization/{id}/$meta-add
- POST /MedicinalProductAuthorization/{id}/$meta-delete
- GET /MedicinalProductAuthorization/{id}/$meta
- PATCH /MedicinalProductAuthorization/{id}
- PUT /MedicinalProductAuthorization/{id}
- GET /MedicinalProductAuthorization/{id}/$validate
- GET /MedicinalProductAuthorization/$meta
- POST /MedicinalProductAuthorization
- GET /MedicinalProductAuthorization/$validate

**MedicinalProductContraindication**

- POST /MedicinalProductContraindication/$expunge
- GET /MedicinalProductContraindication
- GET /MedicinalProductContraindication/ history
- DELETE /MedicinalProductContraindication/{id}
- POST /MedicinalProductContraindication/{id}/$expunge
- GET /MedicinalProductContraindication/{id}
- GET /MedicinalProductContraindication/{id}/ history
- GET /MedicinalProductContraindication/{id}/ history/{version_id}
- POST /MedicinalProductContraindication/{id}/$meta-add
- POST /MedicinalProductContraindication/{id}/$meta-delete
- GET /MedicinalProductContraindication/{id}/$meta
- PATCH /MedicinalProductContraindication/{id}
- PUT /MedicinalProductContraindication/{id}
- GET /MedicinalProductContraindication/{id}/$validate
- GET /MedicinalProductContraindication/$meta
- POST /MedicinalProductContraindication
- GET /MedicinalProductContraindication/$validate
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**MedicinalProductContraindication**

- GET /MedicinalProductContraindication/$meta
- POST /MedicinalProductContraindication
- GET /MedicinalProductContraindication/$validate

**MedicinalProductIndication**

- POST /MedicinalProductIndication/$expunge
- GET /MedicinalProductIndication
- GET /MedicinalProductIndication/_history
- DELETE /MedicinalProductIndication/{id}
- POST /MedicinalProductIndication/{id}/$expunge
- GET /MedicinalProductIndication/{id}
- GET /MedicinalProductIndication/{id}/$validate
- POST /MedicinalProductIndication
- GET /MedicinalProductIndication

**MedicinalProductIngredient**

- POST /MedicinalProductIngredient/$expunge
- GET /MedicinalProductIngredient
- GET /MedicinalProductIngredient/_history
- DELETE /MedicinalProductIngredient/{id}
- POST /MedicinalProductIngredient/{id}/$expunge
- GET /MedicinalProductIngredient/{id}
- GET /MedicinalProductIngredient/{id}/$validate
- POST /MedicinalProductIngredient
- GET /MedicinalProductIngredient

**MedicinalProductInteraction**

- POST /MedicinalProductInteraction/$expunge
- GET /MedicinalProductInteraction
- GET /MedicinalProductInteraction/_history
- DELETE /MedicinalProductInteraction/{id}
- POST /MedicinalProductInteraction/{id}/$expunge
- GET /MedicinalProductInteraction/{id}
- GET /MedicinalProductInteraction/{id}/$validate
- POST /MedicinalProductInteraction
- GET /MedicinalProductInteraction

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MedicinalProductManufactured

- POST /MedicinalProductManufactured/$expunge
- GET /MedicinalProductManufactured
- GET /MedicinalProductManufactured/_history
- DELETE /MedicinalProductManufactured/{id}
- POST /MedicinalProductManufactured/{id}/$expunge
- GET /MedicinalProductManufactured/{id}
- GET /MedicinalProductManufactured/{id}/_history
- GET /MedicinalProductManufactured/{id}/_history/{version_id}
- POST /MedicinalProductManufactured/{id}/$meta-add
- POST /MedicinalProductManufactured/{id}/$meta-delete
- GET /MedicinalProductManufactured/{id}/$meta
- PATCH /MedicinalProductManufactured/{id}
- PUT /MedicinalProductManufactured/{id}
- GET /MedicinalProductManufactured/{id}/$validate
- POST /MedicinalProductManufactured
- GET /MedicinalProductManufactured/$validate

MedicinalProductPackaged

- POST /MedicinalProductPackaged/$expunge
- GET /MedicinalProductPackaged
- GET /MedicinalProductPackaged/_history
- DELETE /MedicinalProductPackaged/{id}
- POST /MedicinalProductPackaged/{id}/$expunge
- GET /MedicinalProductPackaged/{id}
- GET /MedicinalProductPackaged/{id}/_history
- GET /MedicinalProductPackaged/{id}/_history/{version_id}
- POST /MedicinalProductPackaged/{id}/$meta-add
- POST /MedicinalProductPackaged/{id}/$meta-delete
- GET /MedicinalProductPackaged/{id}/$meta
- PATCH /MedicinalProductPackaged/{id}
- PUT /MedicinalProductPackaged/{id}
- GET /MedicinalProductPackaged/{id}/$validate
- POST /MedicinalProductPackaged
- GET /MedicinalProductPackaged/$validate

MedicinalProductPharmaceutical

- POST /MedicinalProductPharmaceutical/$expunge
- GET /MedicinalProductPharmaceutical
- GET /MedicinalProductPharmaceutical/_history
- DELETE /MedicinalProductPharmaceutical/{id}
- POST /MedicinalProductPharmaceutical/{id}/$expunge
- GET /MedicinalProductPharmaceutical/{id}
- GET /MedicinalProductPharmaceutical/{id}/_history
- GET /MedicinalProductPharmaceutical/{id}/_history/{version_id}
- POST /MedicinalProductPharmaceutical/{id}/$meta-add
- POST /MedicinalProductPharmaceutical/{id}/$meta-delete
- GET /MedicinalProductPharmaceutical/{id}/$meta
- PATCH /MedicinalProductPharmaceutical/{id}
- PUT /MedicinalProductPharmaceutical/{id}
- GET /MedicinalProductPharmaceutical/{id}/$validate
- POST /MedicinalProductPharmaceutical
- GET /MedicinalProductPharmaceutical/$validate

MedicinalProductUndesirableEffect

- POST /MedicinalProductUndesirableEffect/$expunge
- GET /MedicinalProductUndesirableEffect
GET /MedicinalProductUndesirableEffect/_history
DELETE /MedicinalProductUndesirableEffect/{id}
GET /MedicinalProductUndesirableEffect/{id}
GET /MedicinalProductUndesirableEffect/{id}/_history
POST /MedicinalProductUndesirableEffect/{id}/$expunge
GET /MedicinalProductUndesirableEffect/{id}/$expunge
GET /MedicinalProductUndesirableEffect/{id}/_history/{version_id}
POST /MedicinalProductUndesirableEffect/{id}/$meta-add
POST /MedicinalProductUndesirableEffect/{id}/$meta-delete
GET /MedicinalProductUndesirableEffect/{id}/$meta
PATCH /MedicinalProductUndesirableEffect/{id}
PUT /MedicinalProductUndesirableEffect/{id}
GET /MedicinalProductUndesirableEffect/{id}/$validate
GET /MedicinalProductUndesirableEffect
POST /MedicinalProductUndesirableEffect
GET /MedicinalProductUndesirableEffect/$validate

MessageDefinition

POST /MessageDefinition/$expunge
GET /MessageDefinition
GET /MessageDefinition/_history
DELETE /MessageDefinition/{id}
POST /MessageDefinition/{id}/$expunge
GET /MessageDefinition/{id}
GET /MessageDefinition/{id}/_history/{version_id}
POST /MessageDefinition/{id}/$meta-add
POST /MessageDefinition/{id}/$meta-delete
GET /MessageDefinition/{id}/$meta
PATCH /MessageDefinition/{id}
PUT /MessageDefinition/{id}
GET /MessageDefinition/{id}/$validate
GET /MessageDefinition/$meta
POST /MessageDefinition
GET /MessageDefinition/$validate

MessageHeader

POST /MessageHeader/$expunge
GET /MessageHeader
GET /MessageHeader/_history
DELETE /MessageHeader/{id}
POST /MessageHeader/{id}/$expunge
GET /MessageHeader/{id}
GET /MessageHeader/{id}/_history/{version_id}
POST /MessageHeader/{id}/$meta-add
POST /MessageHeader/{id}/$meta-delete
GET /MessageHeader/{id}/$meta
PATCH /MessageHeader/{id}
PUT /MessageHeader/{id}
GET /MessageHeader/{id}/$validate
GET /MessageHeader/$meta
POST /MessageHeader
GET /MessageHeader/$validate

MolecularSequence

POST /MolecularSequence/$expunge
GET /MolecularSequence
GET /MolecularSequence/_history
DELETE /MolecularSequence/{id}
POST /MolecularSequence/{id}/$expunge
GET /MolecularSequence/{id}
- GET /MolecularSequence/{id}/_history
- GET /MolecularSequence/{id}/_history/{version_id}
- POST /MolecularSequence/{id}/$meta-add
- POST /MolecularSequence/{id}/$meta-delete
- GET /MolecularSequence/{id}/$meta
- PATCH /MolecularSequence/{id}
- PUT /MolecularSequence/{id}
- GET /MolecularSequence/{id}/$validate
- GET /MolecularSequence/$meta
- POST /MolecularSequence
- GET /MolecularSequence/$validate

**NamingSystem**

- POST /NamingSystem/$expunge
- GET /NamingSystem
- GET /NamingSystem/_history
- DELETE /NamingSystem/{id}
- POST /NamingSystem/{id}/$expunge
- GET /NamingSystem/{id}
- GET /NamingSystem/{id}/_history
- POST /NamingSystem/{id}/$meta-add
- POST /NamingSystem/{id}/$meta-delete
- GET /NamingSystem/{id}/$meta
- PATCH /NamingSystem/{id}
- PUT /NamingSystem/{id}
- GET /NamingSystem/{id}/$validate
- GET /NamingSystem/$meta
- POST /NamingSystem
- GET /NamingSystem/$validate

**NutritionOrder**

- POST /NutritionOrder/$expunge
- GET /NutritionOrder
- GET /NutritionOrder/_history
- DELETE /NutritionOrder/{id}
- POST /NutritionOrder/{id}/$expunge
- GET /NutritionOrder/{id}
- GET /NutritionOrder/{id}/_history
- POST /NutritionOrder/{id}/$meta-add
- POST /NutritionOrder/{id}/$meta-delete
- GET /NutritionOrder/{id}/$meta
- PATCH /NutritionOrder/{id}
- PUT /NutritionOrder/{id}
- GET /NutritionOrder/{id}/$validate
- GET /NutritionOrder/$meta
- POST /NutritionOrder
- GET /NutritionOrder/$validate

**Observation**

- POST /Observation/$expunge
- GET /Observation
- GET /Observation/_history
- DELETE /Observation/{id}
- POST /Observation/{id}/$expunge
- GET /Observation/{id}
- GET /Observation/{id}/_history
- GET /Observation/{id}/_history/{version_id}
- POST /Observation/{id}/$meta-add
- POST /Observation/{id}/$meta-delete
- GET /Observation/{id}/$meta
- PATCH /Observation/{id}
- PUT /Observation/{id}
- GET /Observation/{id}/$validate
- GET /Observation/$lastn
- GET /Observation/$meta
- POST /Observation
- GET /Observation/$validate

**ObservationDefinition**

- POST /ObservationDefinition/$expunge
- GET /ObservationDefinition
- GET /ObservationDefinition/_history
- DELETE /ObservationDefinition/{id}
- POST /ObservationDefinition/{id}/$expunge
- GET /ObservationDefinition/{id}
- GET /ObservationDefinition/{id}/_history
- POST /ObservationDefinition/{id}/$meta-add
- POST /ObservationDefinition/{id}/$meta-delete
- GET /ObservationDefinition/{id}/$meta
- PATCH /ObservationDefinition/{id}
- PUT /ObservationDefinition/{id}
- GET /ObservationDefinition/{id}/$validate
- GET /ObservationDefinition/$meta
- POST /ObservationDefinition
- GET /ObservationDefinition/$validate

**OperationDefinition**

- POST /OperationDefinition/$expunge
- GET /OperationDefinition
- GET /OperationDefinition/_history
- DELETE /OperationDefinition/{id}
- POST /OperationDefinition/{id}/$expunge
- GET /OperationDefinition/{id}
- GET /OperationDefinition/{id}/_history
- POST /OperationDefinition/{id}/$meta-add
- POST /OperationDefinition/{id}/$meta-delete
- GET /OperationDefinition/{id}/$meta
- PATCH /OperationDefinition/{id}
- PUT /OperationDefinition/{id}
- GET /OperationDefinition/{id}/$validate
- GET /OperationDefinition/$meta
- POST /OperationDefinition
- GET /OperationDefinition/$validate

**OperationOutcome**

- POST /OperationOutcome/$expunge
- GET /OperationOutcome
- GET /OperationOutcome/_history
- DELETE /OperationOutcome/{id}
- POST /OperationOutcome/{id}/$expunge
- GET /OperationOutcome/{id}
- GET /OperationOutcome/{id}/_history
- POST /OperationOutcome/{id}/$meta-add
- POST /OperationOutcome/{id}/$meta-delete
- GET /OperationOutcome/{id}/$meta
- PATCH /OperationOutcome/{id}
- PUT /OperationOutcome/{id}
• GET /OperationOutcome/{id}/$validate
• GET /OperationOutcome/$meta
• POST /OperationOutcome
• GET /OperationOutcome/$validate

Organization

• POST /Organization/$expunge
• GET /Organization
• GET /Organization/_history
• DELETE /Organization/{id}
• POST /Organization/{id}/$expunge
• GET /Organization/{id}
• GET /Organization/{id}/_history
• GET /Organization/{id}/_history/{version_id}
• POST /Organization/{id}/$meta-add
• POST /Organization/{id}/$meta-delete
• GET /Organization/{id}/$meta
• PATCH /Organization/{id}
• PUT /Organization/{id}
• GET /Organization/{id}/$validate
• GET /Organization/$meta
• POST /Organization
• GET /Organization/$validate

OrganizationAffiliation

• POST /OrganizationAffiliation/$expunge
• GET /OrganizationAffiliation
• GET /OrganizationAffiliation/_history
• DELETE /OrganizationAffiliation/{id}
• POST /OrganizationAffiliation/{id}/$expunge
• GET /OrganizationAffiliation/{id}
• GET /OrganizationAffiliation/{id}/_history
• GET /OrganizationAffiliation/{id}/_history/{version_id}
• POST /OrganizationAffiliation/{id}/$meta-add
• POST /OrganizationAffiliation/{id}/$meta-delete
• GET /OrganizationAffiliation/{id}/$meta
• PATCH /OrganizationAffiliation/{id}
• PUT /OrganizationAffiliation/{id}
• GET /OrganizationAffiliation/{id}/$validate
• GET /OrganizationAffiliation/$meta
• POST /OrganizationAffiliation
• GET /OrganizationAffiliation/$validate

Parameters

• POST /Parameters/$expunge
• GET /Parameters
• GET /Parameters/_history
• DELETE /Parameters/{id}
• POST /Parameters/{id}/$expunge
• GET /Parameters/{id}
• GET /Parameters/{id}/_history
• GET /Parameters/{id}/_history/{version_id}
• POST /Parameters/{id}/$meta-add
• POST /Parameters/{id}/$meta-delete
• GET /Parameters/{id}/$meta
• PATCH /Parameters/{id}
• PUT /Parameters/{id}
• GET /Parameters/{id}/$validate
• GET /Parameters/$meta
• POST /Parameters
• GET /Parameters/$validate
Patient

- GET /Patient/$everything
- GET /Patient/$export
- POST /Patient/$expunge
- GET /Patient
- GET /Patient/_history
- DELETE /Patient/{id}
- GET /Patient/{id}/$everything
- GET /Patient/{id}/$export
- POST /Patient/{id}/$expunge
- GET /Patient/{id}
- GET /Patient/{id}/_history
- GET /Patient/{id}/_history/{version_id}
- POST /Patient/{id}/$meta-add
- POST /Patient/{id}/$meta-delete
- GET /Patient/{id}/$meta
- PATCH /Patient/{id}
- PUT /Patient/{id}
- GET /Patient/{id}/$validate
- GET /Patient/$meta

PaymentNotice

- POST /PaymentNotice/$expunge
- GET /PaymentNotice
- GET /PaymentNotice/_history
- DELETE /PaymentNotice/{id}
- POST /PaymentNotice/{id}/$expunge
- GET /PaymentNotice/{id}
- GET /PaymentNotice/{id}/_history
- GET /PaymentNotice/{id}/_history/{version_id}
- POST /PaymentNotice/{id}/$meta-add
- POST /PaymentNotice/{id}/$meta-delete
- GET /PaymentNotice/{id}/$meta
- PATCH /PaymentNotice/{id}
- PUT /PaymentNotice/{id}
- GET /PaymentNotice/{id}/$validate
- GET /PaymentNotice/$meta
- POST /PaymentNotice
- GET /PaymentNotice/$validate

PaymentReconciliation

- POST /PaymentReconciliation/$expunge
- GET /PaymentReconciliation
- GET /PaymentReconciliation/_history
- DELETE /PaymentReconciliation/{id}
- POST /PaymentReconciliation/{id}/$expunge
- GET /PaymentReconciliation/{id}
- GET /PaymentReconciliation/{id}/_history
- GET /PaymentReconciliation/{id}/_history/{version_id}
- POST /PaymentReconciliation/{id}/$meta-add
- POST /PaymentReconciliation/{id}/$meta-delete
- GET /PaymentReconciliation/{id}/$meta
- PATCH /PaymentReconciliation/{id}
- PUT /PaymentReconciliation/{id}
- GET /PaymentReconciliation/{id}/$validate
- GET /PaymentReconciliation/$meta
- POST /PaymentReconciliation
- GET /PaymentReconciliation/$validate
**Person**

- POST /Person/$expunge
- GET /Person
- GET /Person/_history
- DELETE /Person/{id}
- POST /Person/{id}/$expunge
- GET /Person/{id}
- GET /Person/{id}/_history
- GET /Person/{id}/_history/{version_id}
- POST /Person/{id}/$meta-add
- POST /Person/{id}/$meta-delete
- GET /Person/{id}/$meta
- PATCH /Person/{id}
- PUT /Person/{id}
- GET /Person/{id}/$validate
- GET /Person/$meta
- POST /Person
- GET /Person/$validate

**PlanDefinition**

- POST /PlanDefinition/$expunge
- GET /PlanDefinition
- GET /PlanDefinition/_history
- DELETE /PlanDefinition/{id}
- POST /PlanDefinition/{id}/$expunge
- GET /PlanDefinition/{id}
- GET /PlanDefinition/{id}/_history
- GET /PlanDefinition/{id}/_history/{version_id}
- POST /PlanDefinition/{id}/$meta-add
- POST /PlanDefinition/{id}/$meta-delete
- GET /PlanDefinition/{id}/$meta
- PATCH /PlanDefinition/{id}
- PUT /PlanDefinition/{id}
- GET /PlanDefinition/{id}/$validate
- GET /PlanDefinition/$meta
- POST /PlanDefinition
- GET /PlanDefinition/$validate

**Practitioner**

- POST /Practitioner/$expunge
- GET /Practitioner
- GET /Practitioner/_history
- DELETE /Practitioner/{id}
- POST /Practitioner/{id}/$expunge
- GET /Practitioner/{id}
- GET /Practitioner/{id}/_history
- GET /Practitioner/{id}/_history/{version_id}
- POST /Practitioner/{id}/$meta-add
- POST /Practitioner/{id}/$meta-delete
- GET /Practitioner/{id}/$meta
- PATCH /Practitioner/{id}
- PUT /Practitioner/{id}
- GET /Practitioner/{id}/$validate
- GET /Practitioner/$meta
- POST /Practitioner
- GET /Practitioner/$validate

**PractitionerRole**

- POST /PractitionerRole/$expunge
- GET /PractitionerRole

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• GET /PractitionerRole/_history
• DELETE /PractitionerRole/{id}
• POST /PractitionerRole/{id}/$expunge
• GET /PractitionerRole/{id}
• GET /PractitionerRole/{id}/_history
• GET /PractitionerRole/{id}/_history/{version_id}
• POST /PractitionerRole/{id}/$meta-add
• POST /PractitionerRole/{id}/$meta-delete
• GET /PractitionerRole/{id}/$meta
• PATCH /PractitionerRole/{id}
• PUT /PractitionerRole/{id}
• GET /PractitionerRole/{id}/$validate
• GET /PractitionerRole/$meta

Procedure

• POST /Procedure/$expunge
• GET /Procedure
• GET /Procedure/_history
• DELETE /Procedure/{id}
• POST /Procedure/{id}/$expunge
• GET /Procedure/{id}
• GET /Procedure/{id}/_history
• GET /Procedure/{id}/_history/{version_id}
• POST /Procedure/{id}/$meta-add
• POST /Procedure/{id}/$meta-delete
• GET /Procedure/{id}/$meta
• PATCH /Procedure/{id}
• PUT /Procedure/{id}
• GET /Procedure/{id}/$validate
• GET /Procedure/$meta
• GET /Procedure/$validate

Provenance

• POST /Provenance/$expunge
• GET /Provenance
• GET /Provenance/_history
• DELETE /Provenance/{id}
• POST /Provenance/{id}/$expunge
• GET /Provenance/{id}
• GET /Provenance/{id}/_history
• GET /Provenance/{id}/_history/{version_id}
• POST /Provenance/{id}/$meta-add
• POST /Provenance/{id}/$meta-delete
• GET /Provenance/{id}/$meta
• PATCH /Provenance/{id}
• PUT /Provenance/{id}
• GET /Provenance/{id}/$validate
• GET /Provenance/$meta
• POST /Provenance
• GET /Provenance/$validate

Questionnaire

• POST /Questionnaire/$expunge
• GET /Questionnaire
• GET /Questionnaire/_history
• DELETE /Questionnaire/{id}
• POST /Questionnaire/{id}/$expunge
• GET /Questionnaire/{id}
- GET /Questionnaire/{id}/_history
- GET /Questionnaire/{id}/_history/{version_id}
- POST /Questionnaire/{id}/$meta-add
- POST /Questionnaire/{id}/$meta-delete
- GET /Questionnaire/{id}/$meta
- PATCH /Questionnaire/{id}
- PUT /Questionnaire/{id}
- GET /Questionnaire/{id}$/validate
- GET /Questionnaire
- POST /Questionnaire

**QuestionnaireResponse**

- POST /QuestionnaireResponse/$expunge
- GET /QuestionnaireResponse
- GET /QuestionnaireResponse/_history
- DELETE /QuestionnaireResponse/{id}
- POST /QuestionnaireResponse/{id}$/expunge
- GET /QuestionnaireResponse/{id}
- GET /QuestionnaireResponse/{id}/_history
- GET /QuestionnaireResponse/{id}/_history/{version_id}
- POST /QuestionnaireResponse/{id}/$meta-add
- POST /QuestionnaireResponse/{id}/$meta-delete
- GET /QuestionnaireResponse/{id}/$meta
- PATCH /QuestionnaireResponse/{id}
- PUT /QuestionnaireResponse/{id}
- GET /QuestionnaireResponse/{id}$/validate
- GET /QuestionnaireResponse
- GET /QuestionnaireResponse/$validate

**RelatedPerson**

- POST /RelatedPerson/$expunge
- GET /RelatedPerson
- GET /RelatedPerson/_history
- DELETE /RelatedPerson/{id}
- POST /RelatedPerson/{id}$/expunge
- GET /RelatedPerson/{id}
- GET /RelatedPerson/{id}/_history
- GET /RelatedPerson/{id}/_history/{version_id}
- POST /RelatedPerson/{id}/$meta-add
- POST /RelatedPerson/{id}/$meta-delete
- GET /RelatedPerson/{id}/$meta
- PATCH /RelatedPerson/{id}
- PUT /RelatedPerson/{id}
- GET /RelatedPerson/{id}$/validate
- GET /RelatedPerson
- POST /RelatedPerson
- GET /RelatedPerson/$validate

**RequestGroup**

- POST /RequestGroup/$expunge
- GET /RequestGroup
- GET /RequestGroup/_history
- DELETE /RequestGroup/{id}
- POST /RequestGroup/{id}$/expunge
- GET /RequestGroup/{id}
- GET /RequestGroup/{id}/_history
- GET /RequestGroup/{id}/_history/{version_id}
- POST /RequestGroup/{id}/$meta-add
- POST /RequestGroup/{id}/$meta-delete
- GET /RequestGroup/{id}/$meta
- PATCH /RequestGroup/{id}
- PUT /RequestGroup/{id}
- GET /RequestGroup/{id}/$validate
- GET /RequestGroup/$meta
- POST /RequestGroup
- GET /RequestGroup/$validate

ResearchDefinition

- POST /ResearchDefinition/$expunge
- GET /ResearchDefinition
- GET /ResearchDefinition/_history
- DELETE /ResearchDefinition/{id}
- POST /ResearchDefinition/{id}/$expunge
- GET /ResearchDefinition/{id}
- GET /ResearchDefinition/{id}/_history
- POST /ResearchDefinition/{id}/$expunge
- GET /ResearchDefinition/{id}/_history
- POST /ResearchDefinition/{id}/$meta-add
- POST /ResearchDefinition/{id}/$meta-delete
- GET /ResearchDefinition/{id}/$meta
- PATCH /ResearchDefinition/{id}
- PUT /ResearchDefinition/{id}
- GET /ResearchDefinition/{id}/$validate
- GET /ResearchDefinition/$meta
- POST /ResearchDefinition
- GET /ResearchDefinition/$validate

ResearchElementDefinition

- POST /ResearchElementDefinition/$expunge
- GET /ResearchElementDefinition
- GET /ResearchElementDefinition/_history
- DELETE /ResearchElementDefinition/{id}
- POST /ResearchElementDefinition/{id}/$expunge
- GET /ResearchElementDefinition/{id}
- GET /ResearchElementDefinition/{id}/_history
- POST /ResearchElementDefinition/{id}/$expunge
- GET /ResearchElementDefinition/{id}/_history
- POST /ResearchElementDefinition/{id}/$meta-add
- POST /ResearchElementDefinition/{id}/$meta-delete
- GET /ResearchElementDefinition/{id}/$meta
- PATCH /ResearchElementDefinition/{id}
- PUT /ResearchElementDefinition/{id}
- GET /ResearchElementDefinition/{id}/$validate
- GET /ResearchElementDefinition/$meta
- POST /ResearchElementDefinition
- GET /ResearchElementDefinition/$validate

ResearchStudy

- POST /ResearchStudy/$expunge
- GET /ResearchStudy
- GET /ResearchStudy/_history
- DELETE /ResearchStudy/{id}
- POST /ResearchStudy/{id}/$expunge
- GET /ResearchStudy/{id}
- GET /ResearchStudy/{id}/_history
- POST /ResearchStudy/{id}/$expunge
- GET /ResearchStudy/{id}/_history
- POST /ResearchStudy/{id}/$meta-add
- POST /ResearchStudy/{id}/$meta-delete
- GET /ResearchStudy/{id}/$meta
- PATCH /ResearchStudy/{id}
- PUT /ResearchStudy/{id}
- GET /ResearchStudy/{id}/$validate

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• GET /ResearchStudy/$meta
• POST /ResearchStudy
• GET /ResearchStudy/$validate

**ResearchSubject**

• POST /ResearchSubject/$expunge
• GET /ResearchSubject
• GET /ResearchSubject/ history
• DELETE /ResearchSubject/{id}
• POST /ResearchSubject/{id}/$expunge
• GET /ResearchSubject/{id}
• GET /ResearchSubject/{id}/ history
• GET /ResearchSubject/{id}/ history/{version_id}
• POST /ResearchSubject/{id}/$meta-add
• POST /ResearchSubject/{id}/$meta-delete
• GET /ResearchSubject/{id}/$meta
• PATCH /ResearchSubject/{id}
• PUT /ResearchSubject/{id}
• GET /ResearchSubject/{id}/$validate
• POST /ResearchSubject
• GET /ResearchSubject/$validate

**RiskAssessment**

• POST /RiskAssessment/$expunge
• GET /RiskAssessment
• GET /RiskAssessment/ history
• DELETE /RiskAssessment/{id}
• POST /RiskAssessment/{id}/$expunge
• GET /RiskAssessment/{id}
• GET /RiskAssessment/{id}/ history
• GET /RiskAssessment/{id}/ history/{version_id}
• POST /RiskAssessment/{id}/$meta-add
• POST /RiskAssessment/{id}/$meta-delete
• GET /RiskAssessment/{id}/$meta
• PATCH /RiskAssessment/{id}
• PUT /RiskAssessment/{id}
• GET /RiskAssessment/{id}/$validate
• POST /RiskAssessment
• GET /RiskAssessment/$validate

**RiskEvidenceSynthesis**

• POST /RiskEvidenceSynthesis/$expunge
• GET /RiskEvidenceSynthesis
• GET /RiskEvidenceSynthesis/ history
• DELETE /RiskEvidenceSynthesis/{id}
• POST /RiskEvidenceSynthesis/{id}/$expunge
• GET /RiskEvidenceSynthesis/{id}
• GET /RiskEvidenceSynthesis/{id}/ history
• GET /RiskEvidenceSynthesis/{id}/ history/{version_id}
• POST /RiskEvidenceSynthesis/{id}/$meta-add
• POST /RiskEvidenceSynthesis/{id}/$meta-delete
• GET /RiskEvidenceSynthesis/{id}/$meta
• PATCH /RiskEvidenceSynthesis/{id}
• PUT /RiskEvidenceSynthesis/{id}
• GET /RiskEvidenceSynthesis/{id}/$validate
• POST /RiskEvidenceSynthesis
• GET /RiskEvidenceSynthesis/$validate
Schedule

- POST /Schedule/$expunge
- GET /Schedule
- GET /Schedule/history
- DELETE /Schedule/{id}
- POST /Schedule/{id}/$expunge
- GET /Schedule/{id}
- GET /Schedule/{id}/history
- GET /Schedule/{id}/history/{version_id}
- POST /Schedule/{id}$/meta-add
- POST /Schedule/{id}$/meta-delete
- GET /Schedule/{id}$/meta
- PATCH /Schedule/{id}
- PUT /Schedule/{id}
- GET /Schedule/{id}$/validate
- GET /Schedule/$meta
- POST /Schedule
- GET /Schedule/$validate

SearchParameter

- POST /SearchParameter/$expunge
- GET /SearchParameter
- GET /SearchParameter/history
- DELETE /SearchParameter/{id}
- POST /SearchParameter/{id}$/expunge
- GET /SearchParameter/{id}
- GET /SearchParameter/{id}/history
- GET /SearchParameter/{id}/history/{version_id}
- POST /SearchParameter/{id}$/meta-add
- POST /SearchParameter/{id}$/meta-delete
- GET /SearchParameter/{id}$/meta
- PATCH /SearchParameter/{id}
- PUT /SearchParameter/{id}
- GET /SearchParameter/{id}$/validate
- GET /SearchParameter/$meta
- POST /SearchParameter
- GET /SearchParameter/$validate

ServiceRequest

- POST /ServiceRequest/$expunge
- GET /ServiceRequest
- GET /ServiceRequest/history
- DELETE /ServiceRequest/{id}
- POST /ServiceRequest/{id}$/expunge
- GET /ServiceRequest/{id}
- GET /ServiceRequest/{id}/history
- GET /ServiceRequest/{id}/history/{version_id}
- POST /ServiceRequest/{id}$/meta-add
- POST /ServiceRequest/{id}$/meta-delete
- GET /ServiceRequest/{id}$/meta
- PATCH /ServiceRequest/{id}
- PUT /ServiceRequest/{id}
- GET /ServiceRequest/{id}$/validate
- GET /ServiceRequest/$meta
- POST /ServiceRequest
- GET /ServiceRequest/$validate

Slot

- POST /Slot/$expunge
- GET /Slot
- GET /Slot/_history
- DELETE /Slot/{id}
- GET /Slot/{id}
- GET /Slot/{id}/_history
- GET /Slot/{id}/history/{version_id}
- POST /Slot/{id}/$meta-add
- POST /Slot/{id}/$meta-delete
- GET /Slot/{id}/$meta
- PATCH /Slot/{id}
- PUT /Slot/{id}
- GET /Slot/{id}/$validate
- GET /Slot/$meta
- POST /Slot
- GET /Slot/$validate

**Specimen**

- POST /Specimen/$expunge
- GET /Specimen
- GET /Specimen/_history
- DELETE /Specimen/{id}
- POST /Specimen/{id}/$expunge
- GET /Specimen/{id}
- GET /Specimen/{id}/_history
- GET /Specimen/{id}/history/{version_id}
- POST /Specimen/{id}/$meta-add
- POST /Specimen/{id}/$meta-delete
- GET /Specimen/{id}/$meta
- PATCH /Specimen/{id}
- PUT /Specimen/{id}
- GET /Specimen/{id}/$validate
- GET /Specimen/$meta
- POST /Specimen
- GET /Specimen/$validate

**SpecimenDefinition**

- POST /SpecimenDefinition/$expunge
- GET /SpecimenDefinition
- GET /SpecimenDefinition/_history
- DELETE /SpecimenDefinition/{id}
- POST /SpecimenDefinition/{id}/$expunge
- GET /SpecimenDefinition/{id}
- GET /SpecimenDefinition/{id}/_history
- GET /SpecimenDefinition/{id}/history/{version_id}
- POST /SpecimenDefinition/{id}/$meta-add
- POST /SpecimenDefinition/{id}/$meta-delete
- GET /SpecimenDefinition/{id}/$meta
- PATCH /SpecimenDefinition/{id}
- PUT /SpecimenDefinition/{id}
- GET /SpecimenDefinition/{id}/$validate
- GET /SpecimenDefinition/$meta
- POST /SpecimenDefinition
- GET /SpecimenDefinition/$validate

**StructureDefinition**

- POST /StructureDefinition/$expunge
- GET /StructureDefinition
- GET /StructureDefinition/_history
- DELETE /StructureDefinition/{id}
- POST /StructureDefinition/{id}/$expunge
- GET /StructureDefinition/{id}
- GET /StructureDefinition/{id}/_history
- POST /StructureDefinition/{id}/$history/{version_id}
- POST /StructureDefinition/{id}/$meta-add
- POST /StructureDefinition/{id}/$meta-delete
- GET /StructureDefinition/{id}/$meta
- PATCH /StructureDefinition/{id}
- PUT /StructureDefinition/{id}
- GET /StructureDefinition/{id}/$snapshot
- GET /StructureDefinition/$meta
- POST /StructureDefinition
- GET /StructureDefinition/$snapshot
- GET /StructureDefinition/$validate

**StructureMap**

- POST /StructureMap/$expunge
- GET /StructureMap
- GET /StructureMap/_history
- DELETE /StructureMap/{id}
- POST /StructureMap/{id}/$expunge
- GET /StructureMap/{id}
- GET /StructureMap/{id}/_history
- GET /StructureMap/{id}/_history/{version_id}
- POST /StructureMap/{id}/$meta-add
- POST /StructureMap/{id}/$meta-delete
- GET /StructureMap/{id}/$meta
- PATCH /StructureMap/{id}
- PUT /StructureMap/{id}
- GET /StructureMap/{id}/$validate
- GET /StructureMap/$meta
- POST /StructureMap
- GET /StructureMap/$validate

**Subscription**

- POST /Subscription/$expunge
- GET /Subscription
- GET /Subscription/_history
- DELETE /Subscription/{id}
- POST /Subscription/{id}/$expunge
- GET /Subscription/{id}
- GET /Subscription/{id}/_history
- GET /Subscription/{id}/_history/{version_id}
- POST /Subscription/{id}/$meta-add
- POST /Subscription/{id}/$meta-delete
- GET /Subscription/{id}/$meta
- PATCH /Subscription/{id}
- PUT /Subscription/{id}
- POST /Subscription/{id}/$trigger-subscription
- GET /Subscription/{id}/$validate
- GET /Subscription/$meta
- POST /Subscription
- POST /Subscription/$trigger-subscription
- GET /Subscription/$validate

**Substance**

- POST /Substance/$expunge
- GET /Substance
- GET /Substance/_history
- DELETE /Substance/{id}
- POST /Substance/{id}/$expunge
- GET /Substance/{id}
GET /Substance/{id}/_history
GET /Substance/{id}/history/{version_id}
POST /Substance/{id}/$meta-add
POST /Substance/{id}/$meta-delete
GET /Substance/{id}/$meta
PATCH /Substance/{id}
PUT /Substance/{id}
GET /Substance/{id}/$validate
GET /Substance/$meta
POST /Substance
GET /Substance/$validate

SubstanceNucleicAcid

POST /SubstanceNucleicAcid/$expunge
GET /SubstanceNucleicAcid
GET /SubstanceNucleicAcid/_history
DELETE /SubstanceNucleicAcid/{id}
POST /SubstanceNucleicAcid/{id}/$expunge
GET /SubstanceNucleicAcid/{id}
GET /SubstanceNucleicAcid/{id}/_history
GET /SubstanceNucleicAcid/{id}/_history/{version_id}
POST /SubstanceNucleicAcid/{id}/$meta-add
POST /SubstanceNucleicAcid/{id}/$meta-delete
GET /SubstanceNucleicAcid/{id}/$meta
PATCH /SubstanceNucleicAcid/{id}
PUT /SubstanceNucleicAcid/{id}
GET /SubstanceNucleicAcid/{id}/$validate
GET /SubstanceNucleicAcid/$meta
GET /SubstanceNucleicAcid/$validate

SubstancePolymer

POST /SubstancePolymer/$expunge
GET /SubstancePolymer
GET /SubstancePolymer/_history
DELETE /SubstancePolymer/{id}
POST /SubstancePolymer/{id}/$expunge
GET /SubstancePolymer/{id}
GET /SubstancePolymer/{id}/_history
GET /SubstancePolymer/{id}/_history/{version_id}
POST /SubstancePolymer/{id}/$meta-add
POST /SubstancePolymer/{id}/$meta-delete
GET /SubstancePolymer/{id}/$meta
PATCH /SubstancePolymer/{id}
PUT /SubstancePolymer/{id}
GET /SubstancePolymer/{id}/$validate
GET /SubstancePolymer/$meta
POST /SubstancePolymer
GET /SubstancePolymer/$validate

SubstanceProtein

POST /SubstanceProtein/$expunge
GET /SubstanceProtein
GET /SubstanceProtein/_history
DELETE /SubstanceProtein/{id}
POST /SubstanceProtein/{id}/$expunge
GET /SubstanceProtein/{id}
GET /SubstanceProtein/{id}/_history
GET /SubstanceProtein/{id}/_history/{version_id}
POST /SubstanceProtein/{id}/$meta-add
POST /SubstanceProtein/{id}/$meta-delete
### HAPI FHIR Server

**GET /SubstanceProtein/{id}/$meta**
**PATCH /SubstanceProtein/{id}**
**PUT /SubstanceProtein/{id}**
**GET /SubstanceProtein/{id}/$validate**
**GET /SubstanceProtein/$meta**
**POST /SubstanceProtein**
**GET /SubstanceProtein/$validate**

**SubstanceReferenceInformation**

**POST /SubstanceReferenceInformation/$expunge**
**GET /SubstanceReferenceInformation**
**GET /SubstanceReferenceInformation/_history**
**DELETE /SubstanceReferenceInformation/{id}**
**POST /SubstanceReferenceInformation/{id}/$expunge**
**GET /SubstanceReferenceInformation/{id}**
**GET /SubstanceReferenceInformation/{id}/_history**
**GET /SubstanceReferenceInformation/{id}/_history/{version_id}**
**POST /SubstanceReferenceInformation/{id}/$meta-add**
**POST /SubstanceReferenceInformation/{id}/$meta-delete**
**GET /SubstanceReferenceInformation/{id}/$meta**
**PATCH /SubstanceReferenceInformation/{id}**
**PUT /SubstanceReferenceInformation/{id}**
**GET /SubstanceReferenceInformation/{id}/$validate**
**GET /SubstanceReferenceInformation/$meta**
**POST /SubstanceReferenceInformation**
**GET /SubstanceReferenceInformation/$validate**

**SubstanceSourceMaterial**

**POST /SubstanceSourceMaterial/$expunge**
**GET /SubstanceSourceMaterial**
**GET /SubstanceSourceMaterial/_history**
**DELETE /SubstanceSourceMaterial/{id}**
**POST /SubstanceSourceMaterial/{id}/$expunge**
**GET /SubstanceSourceMaterial/{id}**
**GET /SubstanceSourceMaterial/{id}/_history**
**GET /SubstanceSourceMaterial/{id}/_history/{version_id}**
**POST /SubstanceSourceMaterial/{id}/$meta-add**
**POST /SubstanceSourceMaterial/{id}/$meta-delete**
**GET /SubstanceSourceMaterial/{id}/$meta**
**PATCH /SubstanceSourceMaterial/{id}**
**PUT /SubstanceSourceMaterial/{id}**
**GET /SubstanceSourceMaterial/{id}/$validate**
**GET /SubstanceSourceMaterial/$meta**
**POST /SubstanceSourceMaterial**
**GET /SubstanceSourceMaterial/$validate**

**SubstanceSpecification**

**POST /SubstanceSpecification/$expunge**
**GET /SubstanceSpecification**
**GET /SubstanceSpecification/_history**
**DELETE /SubstanceSpecification/{id}**
**POST /SubstanceSpecification/{id}/$expunge**
**GET /SubstanceSpecification/{id}**
**GET /SubstanceSpecification/{id}/_history**
**GET /SubstanceSpecification/{id}/_history/{version_id}**
**POST /SubstanceSpecification/{id}/$meta-add**
**POST /SubstanceSpecification/{id}/$meta-delete**
**GET /SubstanceSpecification/{id}/$meta**
**PATCH /SubstanceSpecification/{id}**
**PUT /SubstanceSpecification/{id}**
**GET /SubstanceSpecification/{id}/$validate**
- GET /SubstanceSpecification/$meta
- POST /SubstanceSpecification
- GET /SubstanceSpecification/$validate

**SupplyDelivery**

- POST /SupplyDelivery/$expunge
- GET /SupplyDelivery
- GET /SupplyDelivery/_history
- DELETE /SupplyDelivery/{id}
- POST /SupplyDelivery/{id}/$expunge
- GET /SupplyDelivery/{id}
- GET /SupplyDelivery/{id}/_history
- GET /SupplyDelivery/{id}/$validate
- POST /SupplyDelivery/{id}/$meta-add
- POST /SupplyDelivery/{id}/$meta-delete
- GET /SupplyDelivery/{id}/$meta
- PATCH /SupplyDelivery/{id}
- PUT /SupplyDelivery/{id}
- GET /SupplyDelivery/{id}/$validate
- POST /SupplyDelivery
- GET /SupplyDelivery/$validate

**SupplyRequest**

- POST /SupplyRequest/$expunge
- GET /SupplyRequest
- GET /SupplyRequest/_history
- DELETE /SupplyRequest/{id}
- POST /SupplyRequest/{id}/$expunge
- GET /SupplyRequest/{id}
- GET /SupplyRequest/{id}/_history
- GET /SupplyRequest/{id}/$validate
- POST /SupplyRequest/{id}/$meta-add
- POST /SupplyRequest/{id}/$meta-delete
- GET /SupplyRequest/{id}/$meta
- PATCH /SupplyRequest/{id}
- PUT /SupplyRequest/{id}
- GET /SupplyRequest/{id}/$validate
- POST /SupplyRequest
- GET /SupplyRequest/$validate

**SystemLevelOperations**

- GET /$export
- GET /$export-poll-status
- POST /$expunge
- GET /$get-resource-counts
- GET /history
- POST /$mark-all-resources-for-reindexing
- GET /$meta
- GET /metadata
- POST /$perform-reindexing-pass
- POST /$process-message
- POST /$reindex
- POST /$reindex-terminology
- POST /

**Task**

- POST /Task/$expunge
- GET /Task
• GET /Task/_history
• POST /Task/{id}
• DELETE /Task/{id} $expunge
• GET /Task/{id}
• GET /Task/{id}/_history
• POST /Task/{id}/$meta-add
• POST /Task/{id}/$meta-delete
• GET /Task/{id}/$meta
• PATCH /Task/{id}
• PUT /Task/{id}
• GET /Task/{id}/$validate
• GET /Task/$meta
• POST /Task
• GET /Task/$validate

**TerminologyCapabilities**

• POST /TerminologyCapabilities/$expunge
• GET /TerminologyCapabilities
• DELETE /TerminologyCapabilities/{id}
• POST /TerminologyCapabilities/{id}/$expunge
• GET /TerminologyCapabilities/{id}
• GET /TerminologyCapabilities/{id}/_history
• POST /TerminologyCapabilities/{id}/$meta-add
• POST /TerminologyCapabilities/{id}/$meta-delete
• GET /TerminologyCapabilities/{id}/$meta
• PATCH /TerminologyCapabilities/{id}
• PUT /TerminologyCapabilities/{id}
• GET /TerminologyCapabilities/{id}/$validate
• GET /TerminologyCapabilities/$meta
• POST /TerminologyCapabilities
• GET /TerminologyCapabilities/$validate

**TestReport**

• POST /TestReport/$expunge
• GET /TestReport
• DELETE /TestReport/{id}
• POST /TestReport/{id}/$expunge
• GET /TestReport/{id}
• GET /TestReport/{id}/_history
• POST /TestReport/{id}/$meta-add
• POST /TestReport/{id}/$meta-delete
• GET /TestReport/{id}/$meta
• PATCH /TestReport/{id}
• PUT /TestReport/{id}
• GET /TestReport/{id}/$validate
• GET /TestReport/$meta
• POST /TestReport
• GET /TestReport/$validate

**TestScript**

• POST /TestScript/$expunge
• GET /TestScript
• DELETE /TestScript/{id}
• POST /TestScript/{id}/$expunge
• GET /TestScript/{id}
- GET /TestScript/{id}/_history
- POST /TestScript/{id}/$meta-add
- POST /TestScript/{id}/$meta-delete
- GET /TestScript/{id}/$meta
- PATCH /TestScript/{id}
- PUT /TestScript/{id}
- GET /TestScript/{id}/$validate
- GET /TestScript/$meta
- POST /TestScript
- GET /TestScript/$validate

**ValueSet**

- GET /ValueSet/$expand
- POST /ValueSet/$expunge
- GET /ValueSet
- GET /ValueSet/ history
- DELETE /ValueSet/{id}
- GET /ValueSet/{id}/$expand
- POST /ValueSet/{id}/$expunge
- GET /ValueSet/{id}
- GET /ValueSet/{id}/_history
- POST /ValueSet/{id}/$invalidate-expansion
- POST /ValueSet/{id}/$meta-add
- POST /ValueSet/{id}/$meta-delete
- GET /ValueSet/{id}/$meta
- PATCH /ValueSet/{id}
- PUT /ValueSet/{id}
- GET /ValueSet/{id}/$validate-code
- GET /ValueSet/{id}/$validate
- GET /ValueSet/$meta
- POST /ValueSet
- GET /ValueSet/$validate-code
- GET /ValueSet/$validate

**VerificationResult**

- POST /VerificationResult/$expunge
- GET /VerificationResult
- GET /VerificationResult/ history
- DELETE /VerificationResult/{id}
- POST /VerificationResult/{id}/$expunge
- GET /VerificationResult/{id}
- GET /VerificationResult/{id}/_history
- POST /VerificationResult/{id}/$invalidate-expansion
- POST /VerificationResult/{id}/$meta-add
- POST /VerificationResult/{id}/$meta-delete
- GET /VerificationResult/{id}/$meta
- PATCH /VerificationResult/{id}
- PUT /VerificationResult/{id}
- GET /VerificationResult/{id}/$validate
- GET /VerificationResult/$meta
- POST /VerificationResult
- GET /VerificationResult/$validate

**VisionPrescription**

- POST /VisionPrescription/$expunge
- GET /VisionPrescription
- GET /VisionPrescription/ history
- DELETE /VisionPrescription/{id}
- POST /VisionPrescription/{id}/$expunge
Account

POST /Account/$expunge

(accountExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Account

search-type: Search for Account instances (accountGet)

This is a search type

Query parameters

owner (optional)
Query Parameter — Entity managing the Account

identifier (optional)
Query Parameter — Account number

period (optional)
Query Parameter — Transaction window

subject (optional)
Query Parameter — The entity that caused the expenses

_lastUpdated (optional)
Query Parameter — When the resource version last changed
security (optional)
Query Parameter — Security Labels applied to this resource

type (optional)
Query Parameter — E.g. patient, expense, depreciation

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter — The entity that caused the expenses

tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Human-readable label

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — active | inactive | entered-in-error | on-hold | unknown

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Account/_history

_type-history: Fetch the resource change history for all resources of type Account (accountHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
DELETE /Account/{id}

instance-delete: Perform a logical delete on a resource instance (accountIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Account/{id}/$expunge

(accountIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Account/{id}

read-instance: Read Account instance (accountIdGet)

Path parameters

id (required)
GET /Account/{id}/_history

instance-history: Fetch the resource change history for all resources of type Account (accountIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Account/{id}/_history/{version_id}

vread-instance: Read Account instance with specific version (accountIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
**POST /Account/{id}/$meta-add**

(accountIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)
  - *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  - Success **Object**

---

**POST /Account/{id}/$meta-delete**

(accountIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)
  - *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /Account/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

- id (required)
  
  *Path Parameter* — The resource ID default: null

Query parameters

- return (optional)
  
  *Query Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success *Object*

PATCH /Account/{id}

instance-patch: Patch a resource instance of type Account by ID (accountIdPatch)

Path parameters

- id (required)
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body *object* (optional)

*Body Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
PUT /Account/{id}

update-instance: Update an existing Account instance, or create using a client-assigned ID (accountIdPut)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Account/{id}$/validate

(accountIdValidateGet)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

**GET /Account/$meta**

(accountMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- return (optional)

**Return type**

Object

**Produce**

This API call consumes the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

**POST /Account**

create-type: Create a new Account instance (accountPost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body object (optional)

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
GET /Account/$validate

(accountValidateGet)

Query parameters

- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

ActivityDefinition

POST /ActivityDefinition/$expunge

(activityDefinitionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ActivityDefinition

(search-type: Search for ActivityDefinition instances (activityDefinitionGet)

This is a search type

https://10.2.2.41/api-doc/
Query parameters

date (optional)
Query Parameter — The activity definition publication date

successor (optional)
Query Parameter — What resource is being referenced

context-type-value (optional)
Query Parameter — A use context type and value assigned to the activity definition

_lastUpdated (optional)
Query Parameter — When the resource version last changed

duration (optional)
Query Parameter — Intended duration for the activity definition

derived-from (optional)
Query Parameter — What resource is being referenced

description (optional)
Query Parameter — The description of the activity definition

code (optional)
Query Parameter — A code assigned to the activity definition

type (optional)
Query Parameter — A type of use context assigned to the activity definition

context-type (optional)
Query Parameter — A type of use context assigned to the activity definition

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the activity definition

depends-on (optional)
Query Parameter — What resource is being referenced

effective (optional)
Query Parameter — The time during which the activity definition is intended to be in use

certainty (optional)
Query Parameter — The degree of certainty of the activity definition

context (optional)
Query Parameter — A use context assigned to the activity definition

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the activity definition

identifier (optional)
Query Parameter — External identifier for the activity definition

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the activity definition

url (optional)
Query Parameter — The uri that identifies the activity definition

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Computationally friendly name of the activity definition

publisher (optional)
Query Parameter — Name of the publisher of the activity definition

topic (optional)
Query Parameter — Topics associated with the module

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

__content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — The current status of the activity definition

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ActivityDefinition/_history

type-history: Fetch the resource change history for all resources of type ActivityDefinition (activityDefinitionHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /ActivityDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (activityDefinitionIdDelete)

Path parameters

_id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
</tr>
</tbody>
</table>

**POST /ActivityDefinition/{id}/$expunge**

*(activityDefinitionIdExpungePost)*

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
</tr>
</tbody>
</table>

**GET /ActivityDefinition/{id}**

*read-instance: Read ActivityDefinition instance (activityDefinitionIdGet)*

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
</tr>
</tbody>
</table>
GET /ActivityDefinition/{id}/_history

instance-history: Fetch the resource change history for all resources of type ActivityDefinition (activityDefinitionIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ActivityDefinition/{id}/_history/{version_id}

vread-instance: Read ActivityDefinition instance with specific version (activityDefinitionIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /ActivityDefinition/{id}/$meta-add

(activityDefinitionIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ActivityDefinition/{id}/$meta-delete
(activityDefinitionIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ActivityDefinition/{id}/$meta
(activityDefinitionIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance
Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /ActivityDefinition/{id}

instance-patch: Patch a resource instance of type ActivityDefinition by ID (activityDefinitionIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /ActivityDefinition/{id}

update-instance: Update an existing ActivityDefinition instance, or create using a client-assigned ID (activityDefinitionIdPut)
Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ActivityDefinition/{id}/$validate
(activityDefinitionIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /ActivityDefinition/$meta
(activityDefinitionMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance
Query parameters
  return (optional)  
Query Parameter
Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml
Responses
200  
Success Object

POST /ActivityDefinition
create-type: Create a new ActivityDefinition instance (activityDefinitionPost)
Consumes
This API call consumes the following media types via the Content-Type request header:
  - application/fhir+json
  - application/fhir+xml
Request body
  body object (optional)  
Body Parameter
Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml
Responses
200  
Success Object

GET /ActivityDefinition/$validate
(activityDefinitionValidateGet)
Query parameters
  resource (optional)  
Query Parameter
  mode (optional)  
Query Parameter
AdverseEvent

POST /AdverseEvent/$expunge

 adelventExpungePost

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /AdverseEvent

search-type: Search for AdverseEvent instances (adverseEventGet)

This is a search type

Query parameters

date (optional)
Query Parameter — When the event occurred

severity (optional)
Query Parameter — mild | moderate | severe

recorder (optional)
Query Parameter — Who recorded the adverse event
study (optional)
Query Parameter — AdverseEvent.study

actuality (optional)
Query Parameter — actual | potential

subject (optional)
Query Parameter — Subject impacted by event

_lastUpdated (optional)
Query Parameter — When the resource version last changed

resultingcondition (optional)
Query Parameter — Effect on the subject due to this event

substance (optional)
Query Parameter — Refers to the specific entity that caused the adverse event

_security (optional)
Query Parameter — Security Labels applied to this resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

seriousness (optional)
Query Parameter — Seriousness of the event

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

location (optional)
Query Parameter — Location where adverse event occurred

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)

event (optional)
Query Parameter — Type of the event itself in relation to the subject

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /AdverseEvent/_history

type-history: Fetch the resource change history for all resources of type AdverseEvent (adverseEventHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

DELETE /AdverseEvent/{id}

instance-delete: Perform a logical delete on a resource instance (adverseEventIdDelete)

**Path parameters**

- id (required)
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

POST /AdverseEvent/{id}/$expunge

(adverseEventIdExpungePost)

**Path parameters**

- id (required)
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body *object* (optional)
  *Body Parameter* —

**Return type**
Object
GET /AdverseEvent/{id}

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /AdverseEvent/{id}/_history

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /AdverseEvent/{id}/_history/{version_id}

Path parameters

version_id
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
id (required)
*Path Parameter* — The resource ID default: null

version_id (required)
*Path Parameter* — The resource version ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

**POST /AdverseEvent/{id}/$meta-add** *(adverseEventIdMetaAddPost)*

Add tags, profiles, and/or security labels to a resource

**Path parameters**

id (required)
*Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body **object** (optional)

*Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

**POST /AdverseEvent/{id}/$meta-delete** *(adverseEventIdMetaDeletePost)*

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

id (required)
**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**
body object (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**GET /AdverseEvent/{id}/$meta**

(adverseEventIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**
id (required)

**Query parameters**
return (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**PATCH /AdverseEvent/{id}**

instance-patch: Patch a resource instance of type AdverseEvent by ID (adverseEventIdPatch)

**Path parameters**
id (required)
### PUT /AdverseEvent/{id}

update-instance: Update an existing AdverseEvent instance, or create using a client-assigned ID (`adverseEventIdPut`)

#### Path parameters

- **id** (required)

  *Path Parameter* — The resource ID default: null

#### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body

- **body** *(object)* *(optional)*

  *Body Parameter* —

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

#### Responses

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
<td></td>
</tr>
</tbody>
</table>

---

### GET /AdverseEvent/{id}/$validate

#### Path parameters

- **id** (required)

  *Path Parameter* — The resource ID default: null

#### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body

- **body** *(object)* *(optional)*

  *Body Parameter* —

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

#### Responses

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
<td></td>
</tr>
</tbody>
</table>

---
Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /AdverseEvent/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /AdverseEvent

create-type: Create a new AdverseEvent instance (adverseEventPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
GET /AdverseEvent/$validate

(adverseEventValidateGet)

Query parameters

- resource (optional)

- mode (optional)

- profile (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

AllergyIntolerance

POST /AllergyIntolerance/$expunge

(allergyIntoleranceExpungePost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Return type
AllergyIntolerance

Example data
Content-Type: application/fhir+json

Custom MIME type example not yet supported: application/fhir+json

Example data
Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success AllergyIntolerance

GET /AllergyIntolerance

search-type: Search for AllergyIntolerance instances (allergyIntoleranceGet)

This is a search type

Query parameters

date (optional)
Query Parameter —

Multiple Resources:
- **AllergyIntolerance**: Date first version of the resource instance was recorded
- **CarePlan**: Time period plan covers
- **CareTeam**: Time period team covers
- **ClinicalImpression**: When the assessment was documented
- **Composition**: Composition editing time
- **Consent**: When this Consent was created or indexed
- **DiagnosticReport**: The clinically relevant time of the report
- **Encounter**: A date within the period the Encounter lasted
- **EpisodeOfCare**: The provided date search value falls within the episode of care's period
- **FamilyMemberHistory**: When history was recorded or last updated
- **Flag**: Time period when flag is active
- **Immunization**: Vaccination (non)-Administration Date
- **List**: When the list was prepared
- **Observation**: Obtained date/time. If the obtained element is a period, a date that falls in the period
- **Procedure**: When the procedure was performed
- **RiskAssessment**: When was assessment made?
- **SupplyRequest**: When the request was made

code (optional)
Query Parameter —

Multiple Resources:
- **AllergyIntolerance**: Code that identifies the allergy or intolerance
- **Condition**: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- **Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

_lastUpdated (optional)
*Query Parameter* — When the resource version last changed

verification-status (optional)
*Query Parameter* — unconfirmed | confirmed | refuted | entered-in-error

criticality (optional)
*Query Parameter* — low | high | unable-to-assess

clinical-status (optional)
*Query Parameter* — active | inactive | resolved

type (optional)
*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: allergy | intolerance - Underlying mechanism (if known)
- **Composition**: Kind of composition (LOINC if possible)
- **DocumentManifest**: Kind of document set
- **DocumentReference**: Kind of document (LOINC if possible)
- **Encounter**: Specific type of encounter
- **EpisodeOfCare**: Type/class - e.g. specialist referral, disease management

patient (optional)
*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
**Procedure**: Search by subject - a patient  
**RiskAssessment**: Who/what does assessment apply to?  
**ServiceRequest**: Search by subject - a patient  
**SupplyDelivery**: Patient for whom the item is supplied  
**VisionPrescription**: The identity of a patient to list dispenses for

**severity (optional)**  
*Query Parameter* — mild | moderate | severe (of event as a whole)

**identifier (optional)**  
*Query Parameter* —

**Multiple Resources:**
- **AllergyIntolerance**: External ids for this item  
- **CarePlan**: External Ids for this plan  
- **CareTeam**: External Ids for this team  
- **Composition**: Version-independent identifier for the Composition  
- **Condition**: A unique identifier of the condition record  
- **Consent**: Identifier for this record (external references)  
- **DetectedIssue**: Unique id for the detected issue  
- **DeviceRequest**: Business identifier for request/order  
- **DiagnosticReport**: An identifier for the report  
- **DocumentManifest**: Unique Identifier for the set of documents  
- **DocumentReference**: Master Version Specific Identifier  
- **Encounter**: Identifier(s) by which this encounter is known  
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare  
- **FamilyMemberHistory**: A search by a record identifier  
- **Goal**: External Ids for this goal  
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number  
- **Immunization**: Business identifier  
- **List**: Business identifier  
- **MedicationAdministration**: Return administrations with this external identifier  
- **MedicationDispense**: Returns dispenses with this external identifier  
- **MedicationRequest**: Return prescriptions with this external identifier  
- **MedicationStatement**: Return statements with this external identifier  
- **NutritionOrder**: Return nutrition orders with this external identifier  
- **Observation**: The unique id for a particular observation  
- **Procedure**: A unique identifier for a procedure  
- **RiskAssessment**: Unique identifier for the assessment  
- **ServiceRequest**: Identifiers assigned to this order  
- **SupplyDelivery**: External Identifier  
- **SupplyRequest**: Business Identifier for SupplyRequest  
- **VisionPrescription**: Return prescriptions with this external identifier

**manifestation (optional)**  
*Query Parameter* — Clinical symptoms/signs associated with the Event

**recorder (optional)**  
*Query Parameter* — Who recorded the sensitivity

**_security (optional)**  
*Query Parameter* — Security Labels applied to this resource

**onset (optional)**  
*Query Parameter* — Date(/time) when manifestations showed

**_filter (optional)**  
*Query Parameter* — Search the contents of the resource's data using a filter

**asserter (optional)**  
*Query Parameter* — Source of the information about the allergy

**route (optional)**  
*Query Parameter* — How the subject was exposed to the substance

**_profile (optional)**  
*Query Parameter* — Profiles this resource claims to conform to

**_tag (optional)**  
*Query Parameter* — Tags applied to this resource

**_has (optional)**
**Query Parameter** — Return resources linked to by the given target

**_source (optional)**  
**Query Parameter** — Identifies where the resource comes from

**_id (optional)**  
**Query Parameter** — Logical id of this artifact

**_text (optional)**  
**Query Parameter** — Search on the narrative of the resource

**_content (optional)**  
**Query Parameter** — Search on the entire content of the resource

**category (optional)**  
**Query Parameter** — food | medication | environment | biologic

**last-date (optional)**  
**Query Parameter** — Date/time of last known occurrence of a reaction

---

**Return type**  
AllergyIntolerance

**Example data**  
Content-Type: application/fhir+json

Custom MIME type example not yet supported: application/fhir+json

**Example data**  
Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

**Produces**  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**  
200  
Success AllergyIntolerance

---

**GET /AllergyIntolerance/_history**  
(type-history: Fetch the resource change history for all resources of type AllergyIntolerance (allergyIntoleranceHistoryGet))

**Return type**  
AllergyIntolerance

**Example data**  
Content-Type: application/fhir+json

Custom MIME type example not yet supported: application/fhir+json

**Example data**  
Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

**Produces**  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
DELETE `/AllergyIntolerance/{id}`

instance-delete: Perform a logical delete on a resource instance (`allergyIntoleranceIdDelete`)

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Return type

`AllergyIntolerance`

Example data

Content-Type: application/fhir+json

Custom MIME type example not yet supported: application/fhir+json

Example data

Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success `AllergyIntolerance`

POST `/AllergyIntolerance/{id}/$expunge`

(AllWindowsIntoleranceIdExpungePost)

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body `object` (optional)

*Body Parameter* —

Return type

`AllergyIntolerance`

Example data

Content-Type: application/fhir+json
Custom MIME type example not yet supported: application/fhir+json

**Example data**
Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success [AllergyIntolerance](#)

**GET /AllergyIntolerance/{id}**
read-instance: Read AllergyIntolerance instance ([allergyIntoleranceIdGet](#))

**Path parameters**

<table>
<thead>
<tr>
<th>id (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Path Parameter</em> — The resource ID default: null</td>
</tr>
</tbody>
</table>

**Return type**
[AllergyIntolerance](#)

**Example data**
Content-Type: application/fhir+json

Custom MIME type example not yet supported: application/fhir+json

**Example data**
Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success [AllergyIntolerance](#)

**GET /AllergyIntolerance/{id}/_history**
instance-history: Fetch the resource change history for all resources of type AllergyIntolerance ([allergyIntoleranceIdHistoryGet](#))

**Path parameters**

<table>
<thead>
<tr>
<th>id (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Path Parameter</em> — The resource ID default: null</td>
</tr>
</tbody>
</table>

**Return type**
**AllergyIntolerance**

**Example data**
Content-Type: application/fhir+json

```
Custom MIME type example not yet supported: application/fhir+json
```

**Example data**
Content-Type: application/fhir+xml

```
Custom MIME type example not yet supported: application/fhir+xml
```

**Producers**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200  Success  AllergyIntolerance

---

**GET /AllergyIntolerance/{id}/_history/{version_id}**

vread-instance: Read AllergyIntolerance instance with specific version (allergyIntoleranceIdHistoryVersionIdGet)

**Path parameters**
- **id** (required)
  - *Path Parameter* — The resource ID default: null
- **version_id** (required)
  - *Path Parameter* — The resource version ID default: null

**Return type**
AllergyIntolerance

**Example data**
Content-Type: application/fhir+json

```
Custom MIME type example not yet supported: application/fhir+json
```

**Example data**
Content-Type: application/fhir+xml

```
Custom MIME type example not yet supported: application/fhir+xml
```

**Producers**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200  Success  AllergyIntolerance

---

**POST /AllergyIntolerance/{id}/$meta-add**

(allergyIntoleranceIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource
Path parameters

- id (required)
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body *object* (optional)
  
  *Body Parameter* —

Return type

*AllergyIntolerance*

Example data

Content-Type: application/fhir+json

| Custom MIME type example not yet supported: application/fhir+json |

Example data

Content-Type: application/fhir+xml

| Custom MIME type example not yet supported: application/fhir+xml |

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200 Success *AllergyIntolerance*

**POST /AllergyIntolerance/{id}/$meta-delete**

(deleteAllergyIntoleranceIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

- id (required)
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
GET /AllergyIntolerance/{id}/$meta

(allergyIntoleranceIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Query parameters
- return (optional)
  Query Parameter —

Return type
AllergyIntolerance

Example data
Content-Type: application/fhir+json

Custom MIME type example not yet supported: application/fhir+json

Example data
Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success AllergyIntolerance

PATCH /AllergyIntolerance/{id}

(instance-patch: Patch a resource instance of type AllergyIntolerance by ID (allergyIntoleranceIdPatch))
Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

AllergyIntolerance

Example data

Content-Type: application/fhir+json

Custom MIME type example not yet supported: application/fhir+json

Example data

Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success AllergyIntolerance

PUT /AllergyIntolerance/{id}

update-instance: Update an existing AllergyIntolerance instance, or create using a client-assigned ID (allergyIntoleranceIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

AllergyIntolerance
Example data
Content-Type: application/fhir+json

Custom MIME type example not yet supported: application/fhir+json

Example data
Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success AllergyIntolerance

GET /AllergyIntolerance/{id}/$validate
(allergyIntoleranceIdValidateGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
AllergyIntolerance

Example data
Content-Type: application/fhir+json

Custom MIME type example not yet supported: application/fhir+json

Example data
Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success AllergyIntolerance
GET /AllergyIntolerance/$meta

(allergyIntoleranceMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter —

Return type

AllergyIntolerance

Example data

Content-Type: application/fhir+json

Example data

Content-Type: application/fhir+xml

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success AllergyIntolerance

POST /AllergyIntolerance

create-type: Create a new AllergyIntolerance instance (allergyIntolerancePost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

AllergyIntolerance

Example data

Content-Type: application/fhir+json

Example data

Content-Type: application/fhir+xml
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success AllergyIntolerance

GET /AllergyIntolerance/$validate
(allergyIntoleranceValidateGet)

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
AllergyIntolerance

Example data
Content-Type: application/fhir+json

Custom MIME type example not yet supported: application/fhir+json

Example data
Content-Type: application/fhir+xml

Custom MIME type example not yet supported: application/fhir+xml

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success AllergyIntolerance

Appointment

POST /Appointment/$expunge
(appointmentExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /Appointment**

search-type: Search for Appointment instances (**appointmentGet**)

This is a search type

**Query parameters**

- **date (optional)**
  *Query Parameter* — Appointment date/time.

- **specialty (optional)**
  *Query Parameter* — The specialty of a practitioner that would be required to perform the service requested in this appointment.

- **service-category (optional)**
  *Query Parameter* — A broad categorization of the service that is to be performed during this appointment.

- **_lastUpdated (optional)**
  *Query Parameter* — When the resource version last changed.

- **slot (optional)**
  *Query Parameter* — The slots that this appointment is filling.

- **reason-code (optional)**
  *Query Parameter* — Coded reason this appointment is scheduled.

- **based-on (optional)**
  *Query Parameter* — The service request this appointment is allocated to assess.

- **patient (optional)**
  *Query Parameter* — One of the individuals of the appointment is this patient.

- **supporting-info (optional)**
  *Query Parameter* — Additional information to support the appointment.

- **identifier (optional)**
  *Query Parameter* — An Identifier of the Appointment.

- **practitioner (optional)**
  *Query Parameter* — One of the individuals of the appointment is this practitioner.

- **appointment-type (optional)**
  *Query Parameter* — The style of appointment or patient that has been booked in the slot (not service type).

- **part-status (optional)**
  *Query Parameter* — The Participation status of the subject, or other participant on the appointment. Can be used to locate participants that have not responded to meeting requests.

- **service-type (optional)**
  *Query Parameter* — The specific service that is to be performed during this appointment.

- **_security (optional)**
  *Query Parameter* — Security Labels applied to this resource.
_filter (optional)  
Query Parameter — Search the contents of the resource's data using a filter

actor (optional)  
Query Parameter — Any one of the individuals participating in the appointment

_profile (optional)  
Query Parameter — Profiles this resource claims to conform to

tag (optional)  
Query Parameter — Tags applied to this resource

_has (optional)  
Query Parameter — Return resources linked to by the given target

reason-reference (optional)  
Query Parameter — Reason the appointment is to take place (resource)

_source (optional)  
Query Parameter — Identifies where the resource comes from

location (optional)  
Query Parameter — This location is listed in the participants of the appointment

_id (optional)  
Query Parameter — Logical id of this artifact

_text (optional)  
Query Parameter — Search on the narrative of the resource

_content (optional)  
Query Parameter — Search on the entire content of the resource

_status (optional)  
Query Parameter — The overall status of the appointment

Return type  
Object

Produces  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses  
200  
Success Object

GET /Appointment/_history

_type-history: Fetch the resource change history for all resources of type Appointment (appointmentHistoryGet)

Return type  
Object

Produces  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses  
200  
Success Object
DELETE /Appointment/{id}

instance-delete: Perform a logical delete on a resource instance (appointmentIdDelete)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

POST /Appointment/{id}/$expunge

(appointmentIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /Appointment/{id}

read-instance: Read Appointment instance (appointmentIdGet)

Path parameters

id (required)
GET /Appointment/{id}/_history

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**

GET /Appointment/{id}/_history/{version_id}

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

- **version_id (required)**
  
  *Path Parameter* — The resource version ID default: null

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**
POST /Appointment/{id}/$meta-add

(appointmentIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Appointment/{id}/$meta-delete

(appointmentIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
GET /Appointment/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PATCH /Appointment/{id}

instance-patch: Patch a resource instance of type Appointment by ID

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
- application/fhir+json
PUT /Appointment/{id}

update-instance: Update an existing Appointment instance, or create using a client-assigned ID (appointmentIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Appointment/{id}/$validate

(appointmentIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Appointment/$meta
(appointmentMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
- return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Appointment
create-type: Create a new Appointment instance (appointmentPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
GET /Appointment/$validate
(appointmentValidateGet)

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

AppointmentResponse

POST /AppointmentResponse/$expunge
(appointmentResponseExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /AppointmentResponse
(search-type: Search for AppointmentResponse instances (appointmentResponseGet)

This is a search type
Query parameters

- **identifier (optional)**
  *Query Parameter* — An Identifier in this appointment response

- **practitioner (optional)**
  *Query Parameter* — This Response is for this Practitioner

- **part-status (optional)**
  *Query Parameter* — The participants acceptance status for this appointment

- **_lastUpdated (optional)**
  *Query Parameter* — When the resource version last changed

- **_security (optional)**
  *Query Parameter* — Security Labels applied to this resource

- **appointment (optional)**
  *Query Parameter* — The appointment that the response is attached to

- **_filter (optional)**
  *Query Parameter* — Search the contents of the resource's data using a filter

- **actor (optional)**
  *Query Parameter* — The Person, Location/HealthcareService or Device that this appointment response replies for

- **_profile (optional)**
  *Query Parameter* — Profiles this resource claims to conform to

- **patient (optional)**
  *Query Parameter* — This Response is for this Patient

- **_tag (optional)**
  *Query Parameter* — Tags applied to this resource

- **_has (optional)**
  *Query Parameter* — Return resources linked to by the given target

- **_source (optional)**
  *Query Parameter* — Identifies where the resource comes from

- **location (optional)**
  *Query Parameter* — This Response is for this Location

- **_id (optional)**
  *Query Parameter* — Logical id of this artifact

- **_text (optional)**
  *Query Parameter* — Search on the narrative of the resource

- **_content (optional)**
  *Query Parameter* — Search on the entire content of the resource

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

**GET /AppointmentResponse/_history**

*type-history: Fetch the resource change history for all resources of type AppointmentResponse (appointmentResponseHistoryGet)
DELETE /AppointmentResponse/{id}

instance-delete: Perform a logical delete on a resource instance (appointmentResponseDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /AppointmentResponse/{id}/$expunge
(appointmentResponseExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /AppointmentResponse/{id}

read-instance: Read AppointmentResponse instance (appointmentResponselIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /AppointmentResponse/{id}/_history

instance-history: Fetch the resource change history for all resources of type AppointmentResponse (appointmentResponselIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /AppointmentResponse/{id}/_history/{version_id}

vread-instance: Read AppointmentResponse instance with specific version (appointmentResponselIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null
version_id (required)
**POST /AppointmentResponse/{id}/$meta-add**

Add tags, profiles, and/or security labels to a resource

**Path parameters**

- **id (required)**
  
  *Path Parameter — The resource ID default: null*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body**
  
  *object (optional)*

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  
  *Success Object*

---

**POST /AppointmentResponse/{id}/$meta-delete**

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- **id (required)**
  
  *Path Parameter — The resource ID default: null*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  
  *Success Object*
**Request body**

*body object (optional)*  

**Body Parameter** —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the `Content-Type` response header.

*application/fhir+json*

*application/fhir+xml*

**Responses**

200  
Success *Object*

---

**GET /AppointmentResponse/{id}/$meta**  

(appointmentResponseIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

**id (required)**  

*Path Parameter* — The resource ID default: null

**Query parameters**

**return (optional)**  

*Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the `Content-Type` response header.

*application/fhir+json*

*application/fhir+xml*

**Responses**

200  
Success *Object*

---

**PATCH /AppointmentResponse/{id}**  

(instance-patch: Patch a resource instance of type AppointmentResponse by ID (appointmentResponseIdPatch))

**Path parameters**

**id (required)**  

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

*application/fhir+json*
PUT /AppointmentResponse/{id}

update-instance: Update an existing AppointmentResponse instance, or create using a client-assigned ID (appointmentResponseIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
**Path Parameter** — The resource ID default: null

**Query parameters**

- **resource (optional)**
  - Query Parameter —

- **mode (optional)**
  - Query Parameter —

- **profile (optional)**
  - Query Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /AppointmentResponse/$meta**

(appointmentResponseMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- **return (optional)**
  - Query Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**POST /AppointmentResponse**

create-type: Create a new AppointmentResponse instance (appointmentResponsePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body **object** (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /AppointmentResponse/$validate
(appointmentResponseValidateGet)

Query parameters
resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

AuditEvent

POST /AuditEvent/$expunge
(auditEventExpungePost)

Consume
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object
Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success [Object]

GET /AuditEvent

search-type - Search for AuditEvent instances (auditEventGet)

This is a search type

Query parameters

- date (optional)
  Query Parameter — Time when the event was recorded
- entity-type (optional)
  Query Parameter — Type of entity involved
- agent (optional)
  Query Parameter — Identifier of who
- entity-role (optional)
  Query Parameter — What role the entity played
- _lastUpdated (optional)
  Query Parameter — When the resource version last changed
- source (optional)
  Query Parameter — The identity of source detecting the event
- type (optional)
  Query Parameter — Type/identifier of event
- altid (optional)
  Query Parameter — Alternative User identity
- agent-name (optional)
  Query Parameter — Human friendly name for the agent
- entity-name (optional)
  Query Parameter — Descriptor for entity
- subtype (optional)
  Query Parameter — More specific type/id for the event
- patient (optional)
  Query Parameter — Identifier of who
- action (optional)
  Query Parameter — Type of action performed during the event
- outcome (optional)
  Query Parameter — Whether the event succeeded or failed
- policy (optional)
  Query Parameter — Policy that authorized event
- address (optional)
  Query Parameter — Identifier for the network access point of the user device
- _security (optional)
  Query Parameter — Security Labels applied to this resource
- _filter (optional)
  Query Parameter — Search the contents of the resource's data using a filter
- site (optional)
  Query Parameter — Logical source location within the enterprise
_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

agent-role (optional)
Query Parameter — Agent role in the event

entity (optional)
Query Parameter — Specific instance of resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

---

GET /AuditEvent/_history

**type-history:** Fetch the resource change history for all resources of type AuditEvent (auditEventHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

---

DELETE /AuditEvent/{id}

**instance-delete:** Perform a logical delete on a resource instance (auditEventIdDelete)

Path parameters
id (required)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /AuditEvent/{id}/$expunge

(auditEventIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /AuditEvent/{id}

(read-instance: Read AuditEvent instance (auditEventIdGet))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /AuditEvent/{id}/_history

instance-history: Fetch the resource change history for all resources of type AuditEvent (auditEventIdHistoryGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /AuditEvent/{id}/_history/{version_id}

vread-instance: Read AuditEvent instance with specific version (auditEventIdHistoryVersionIdGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null
- version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /AuditEvent/{id}/$meta-add

(auditEventIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /AuditEvent/{id}/$meta-delete
(auditEventIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
GET /AuditEvent/{id}$/meta

(auditEventIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

  id (required)
  Path Parameter — The resource ID default: null

Query parameters

  return (optional)
  Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PATCH /AuditEvent/{id}

(instance-patch: Patch a resource instance of type AuditEvent by ID (auditEventIdPatch))

Path parameters

  id (required)
  Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
  Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
PUT /AuditEvent/{id}

update-instance: Update an existing AuditEvent instance, or create using a client-assigned ID (auditEventIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /AuditEvent/{id}/$validate

(auditEventIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
GET /AuditEvent/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /AuditEvent

create-type: Create a new AuditEvent instance (auditEventPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /AuditEvent/$validate

Query parameters
resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

Basic

POST /Basic/$expunge

(basicExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Basic

search-type: Search for Basic instances (basicGet)

This is a search type

Query parameters

identifier (optional)
Query Parameter — Business identifier
code (optional)  
Query Parameter — Kind of Resource

author (optional)  
Query Parameter — Who created

created (optional)  
Query Parameter — When created

subject (optional)  
Query Parameter — Identifies the focus of this resource

_lastUpdated (optional)  
Query Parameter — When the resource version last changed

_security (optional)  
Query Parameter — Security Labels applied to this resource

_filter (optional)  
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)  
Query Parameter — Profiles this resource claims to conform to

patient (optional)  
Query Parameter — Identifies the focus of this resource

_tag (optional)  
Query Parameter — Tags applied to this resource

_has (optional)  
Query Parameter — Return resources linked to by the given target

_source (optional)  
Query Parameter — Identifies where the resource comes from

_id (optional)  
Query Parameter — Logical id of this artifact

_text (optional)  
Query Parameter — Search on the narrative of the resource

_content (optional)  
Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  
Success Object

GET /Basic/_history

type-history: Fetch the resource change history for all resources of type Basic (basicHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
DELETE /Basic/{id}

instance-delete: Perform a logical delete on a resource instance (basicIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Basic/{id}$/expunge

(basicIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Basic/{id}

read-instance: Read Basic instance (basicIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Basic/{id}/_history

instance-history: Fetch the resource change history for all resources of type Basic (basicIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Basic/{id}/_history/{version_id}

vread-instance: Read Basic instance with specific version (basicIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200**
Success **Object**

**POST /Basic/{id}/$meta-add**

(basicIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

**Path parameters**

id (required)

Path Parameter — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body **object** (optional)

Body Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200**
Success **Object**

**POST /Basic/{id}/$meta-delete**

(basicIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

id (required)

Path Parameter — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body **object** (optional)
**GET /Basic/{id}/$meta**

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- return (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success *Object*

---

**PATCH /Basic/{id}**

instance-patch: Patch a resource instance of type Basic by ID (basicIdPatch)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body *object* (optional)
PUT /Basic/{id}
update-instance: Update an existing Basic instance, or create using a client-assigned ID (basicIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Basic/$meta
(basicMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Basic
(create-type: Create a new Basic instance (basicPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Basic/$validate
(basicValidateGet)

Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

POST /Binary/$expunge
(binaryExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
## GET /Binary

search-type: Search for Binary instances (binaryGet)

This is a search type

### Query parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Optional</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>_profile</td>
<td>(optional)</td>
<td>Profiles this resource claims to conform to</td>
</tr>
<tr>
<td>_lastUpdated</td>
<td>(optional)</td>
<td>When the resource version last changed</td>
</tr>
<tr>
<td>_tag</td>
<td>(optional)</td>
<td>Tags applied to this resource</td>
</tr>
<tr>
<td>_has</td>
<td>(optional)</td>
<td>Return resources linked to by the given target</td>
</tr>
<tr>
<td>_security</td>
<td>(optional)</td>
<td>Security Labels applied to this resource</td>
</tr>
<tr>
<td>_source</td>
<td>(optional)</td>
<td>Identifies where the resource comes from</td>
</tr>
<tr>
<td>_id</td>
<td>(optional)</td>
<td>Logical id of this artifact</td>
</tr>
<tr>
<td>_text</td>
<td>(optional)</td>
<td>Search on the narrative of the resource</td>
</tr>
<tr>
<td>_content</td>
<td>(optional)</td>
<td>Search on the entire content of the resource</td>
</tr>
<tr>
<td>_filter</td>
<td>(optional)</td>
<td>Search the contents of the resource's data using a filter</td>
</tr>
</tbody>
</table>

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses

200
Success Object

---

## GET /Binary/_history

type-history: Fetch the resource change history for all resources of type Binary (binaryHistoryGet)

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /Binary/{id}

Responses
200
Success Object

DELETE /Binary/{id}

instance-delete: Perform a logical delete on a resource instance (binaryIdDelete)

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Binary/{id}/$expunge

(binaryIdExpungePost)

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
   Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
read-instance: Read Binary instance (binaryIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Binary/{id}/_history

instance-history: Fetch the resource change history for all resources of type Binary (binaryIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Binary/{id}/_history/{version_id}

vread-instance: Read Binary instance with specific version (binaryIdHistoryVersionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

version_id (required)

Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /Binary/{id}/$meta-add

(binaryIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Binary/{id}/$meta-delete

(binaryIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success **Object**

---

### GET /Binary/{id}$/meta

(binaryIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **return** (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success **Object**

---

### PATCH /Binary/{id}

(instance-patch: Patch a resource instance of type Binary by ID (binaryIdPatch))

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body** object (optional)
  
  *Body Parameter* —

**Return type**
**PUT /Binary/{id}**
update-instance: Update an existing Binary instance, or create using a client-assigned ID (binaryIdPut)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body **object** (optional)

*Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /Binary/{id}/$validate**
(binaryIdValidateGet)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Query parameters**

resource (optional)

*Query Parameter* —

mode (optional)

*Query Parameter* —

profile (optional)

*Query Parameter* —

**Responses**
200
Success **Object**
GET /Binary/$meta

(binMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

POST /Binary

(create-type: Create a new Binary instance (binaryPost))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —
## GET /Binary/$validate

(binaryValidateGet)

### Query parameters

- **resource (optional)**
  - Query Parameter
- **mode (optional)**
  - Query Parameter
- **profile (optional)**
  - Query Parameter

### Return type
Object

### Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses
200
Success **Object**

## BiologicallyDerivedProduct

### POST /BiologicallyDerivedProduct/$expunge
(biologicallyDerivedProductExpungePost)

### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

### Request body

- **body** object (optional)
  - Body Parameter

### Return type
Object

### Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses
200
Success **Object**
GET /BiologicallyDerivedProduct

search-type: Search for BiologicallyDerivedProduct instances (biologicallyDerivedProductGet)

This is a search type

Query parameters

profil (optional)
Query Parameter — Profiles this resource claims to conform to

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_security (optional)
Query Parameter — Security Labels applied to this resource

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /BiologicallyDerivedProduct/_history

type-history: Fetch the resource change history for all resources of type BiologicallyDerivedProduct (biologicallyDerivedProductHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
DELETE /BiologicallyDerivedProduct/{id}

instance-delete: Perform a logical delete on a resource instance (biologicallyDerivedProductIdDelete)

Path parameters

- id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /BiologicallyDerivedProduct/{id}/$expunge

(biologicallyDerivedProductIdExpungePost)

Path parameters

- id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /BiologicallyDerivedProduct/{id}

read-instance: Read BiologicallyDerivedProduct instance (biologicallyDerivedProductIdGet)
Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success *Object*

---

GET /BiologicallyDerivedProduct/{id}/_history

instance-history: Fetch the resource change history for all resources of type BiologicallyDerivedProduct (biologicallyDerivedProductIdHistoryGet)

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success *Object*

---

GET /BiologicallyDerivedProduct/{id}/_history/{version_id}

vread-instance: Read BiologicallyDerivedProduct instance with specific version (biologicallyDerivedProductIdHistoryVersionIdGet)

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

version_id (required)

*Path Parameter* — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /BiologicallyDerivedProduct/{id}/$meta-add
(biologicallyDerivedProductIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /BiologicallyDerivedProduct/{id}/$meta-delete
(biologicallyDerivedProductIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- `application/fhir+json`
- `application/fhir+xml`

**Responses**

200 Success **Object**

---

**GET** /BiologicallyDerivedProduct/{id}/$meta

(biologicallyDerivedProductIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id** (required)
  - *Path Parameter* — The resource ID default: null

**Query parameters**

- **return** (optional)
  - *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- `application/fhir+json`
- `application/fhir+xml`

**Responses**

200 Success **Object**

---

**PATCH** /BiologicallyDerivedProduct/{id}

(instance-patch: Patch a resource instance of type BiologicallyDerivedProduct by ID (biologicallyDerivedProductIdPatch))

**Path parameters**

- **id** (required)
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- `application/fhir+json`
- `application/fhir+xml`

**Request body**

- **body** *object* (optional)
  - *Body Parameter* —

**Return type**
PUT /BiologicallyDerivedProduct/{id}

update-instance: Update an existing BiologicallyDerivedProduct instance, or create using a client-assigned ID (biologicallyDerivedProductIdPut)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /BiologicallyDerivedProduct/$meta
(biologicallyDerivedProductMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /BiologicallyDerivedProduct
create-type: Create a new BiologicallyDerivedProduct instance (biologicallyDerivedProductPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /BiologicallyDerivedProduct/$validate

(biologicallyDerivedProductValidateGet)

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

BodyStructure

POST /BodyStructure/$expunge

(bodyStructureExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
GET /BodyStructure

search-type: Search for BodyStructure instances (bodyStructureGet)

This is a search type

Query parameters

- identifier (optional)
  - Query Parameter — Bodystructure identifier
- morphology (optional)
  - Query Parameter — Kind of Structure
- _lastUpdated (optional)
  - Query Parameter — When the resource version last changed
- _security (optional)
  - Query Parameter — Security Labels applied to this resource
- _filter (optional)
  - Query Parameter — Search the contents of the resource’s data using a filter
- _profile (optional)
  - Query Parameter — Profiles this resource claims to conform to
- patient (optional)
  - Query Parameter — Who this is about
- _tag (optional)
  - Query Parameter — Tags applied to this resource
- _has (optional)
  - Query Parameter — Return resources linked to by the given target
- _source (optional)
  - Query Parameter — Identifies where the resource comes from
- location (optional)
  - Query Parameter — Body site
- _id (optional)
  - Query Parameter — Logical id of this artifact
- _text (optional)
  - Query Parameter — Search on the narrative of the resource
- _content (optional)
  - Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /BodyStructure/_history

type-history: Fetch the resource change history for all resources of type BodyStructure (bodyStructureHistoryGet)
DELETE /BodyStructure/{id}

instance-delete: Perform a logical delete on a resource instance (bodyStructureIdDelete)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /BodyStructure/{id}$/expunge

(bodyStructureIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
**GET /BodyStructure/{id}**

read-instance: Read BodyStructure instance (bodyStructureIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**

---

**GET /BodyStructure/{id}/_history**

instance-history: Fetch the resource change history for all resources of type BodyStructure (bodyStructureIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**

---

**GET /BodyStructure/{id}/_history/{version_id}**

vread-instance: Read BodyStructure instance with specific version (bodyStructureIdHistoryVersionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

version_id (required)
POST /BodyStructure/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /BodyStructure/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

 Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
**GET /BodyStructure/{id}$/meta**

(bodyStructureIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
- **id (required)**
  *Path Parameter* — The resource ID default: null

Query parameters
- **return (optional)**
  *Query Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

**PATCH /BodyStructure/{id}**

(instance-patch: Patch a resource instance of type BodyStructure by ID (bodyStructureIdPatch))

Path parameters
- **id (required)**
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
PUT /BodyStructure/{id}

update-instance: Update an existing BodyStructure instance, or create using a client-assigned ID (bodyStructureIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /BodyStructure/{id}/$validate

(bodyStructureIdValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null
Query parameters

- resource (optional)
  Query Parameter —

- mode (optional)
  Query Parameter —

- profile (optional)
  Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /BodyStructure/$meta
(bodyStructureMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /BodyStructure
(create-type: Create a new BodyStructure instance (bodyStructurePost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
  Body Parameter —
GET /BodyStructure/$validate

(bodyStructureValidateGet)

Query parameters

- resource (optional)  
- mode (optional)  
- profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  
Success Object

Bundle

POST /Bundle/$expunge

(bundleExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Bundle

search-type: Search for Bundle instances (bundleGet)

This is a search type

Query parameters

identifier (optional)
Query Parameter — Persistent identifier for the bundle

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

message (optional)
Query Parameter — The first resource in the bundle, if the bundle type is "message" - this is a message header, and this parameter provides access to search its contents

type (optional)
Query Parameter — document | message | transaction | transaction-response | batch | batch-response | history | searchset | collection

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

composition (optional)
Query Parameter — The first resource in the bundle, if the bundle type is "document" - this is a composition, and this parameter provides access to search its contents

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

timestamp (optional)
Query Parameter — When the bundle was assembled

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
**GET /Bundle/_history**

type-history: Fetch the resource change history for all resources of type Bundle (bundleHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

**DELETE /Bundle/{id}**

instance-delete: Perform a logical delete on a resource instance (bundleIdDelete)

**Path parameters**
- id (required)
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

**POST /Bundle/{id}$/expunge**

(bundleIdExpungePost)

**Path parameters**
- id (required)
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
Request body

Body Parameter — body object (optional)

Return type
Object

Producers
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Bundle/{id}

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Producers
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Bundle/{id}/_history

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Producers
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Bundle/{id}/_history/{version_id}

vread-instance: Read Bundle instance with specific version (bundleIdHistoryVersionIdGet)

Path parameters

- **id (required)**
  - *Path Parameter* — The resource ID default: null

- **version_id (required)**
  - *Path Parameter* — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /Bundle/{id}/$meta-add

(bundleIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id (required)**
  - *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body object (optional)**
  - *Body Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
**POST /Bundle/{id}/$meta-delete**

*(bundleIdMetaDeletePost)*

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

**id (required)**

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

**body object (optional)**

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success *Object*

---

**GET /Bundle/{id}/$meta**

*(bundleIdMetaGet)*

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

**id (required)**

*Path Parameter* — The resource ID default: null

**Query parameters**

**return (optional)**

*Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success *Object*
**PATCH /Bundle/{id}**

instance-patch: Patch a resource instance of type Bundle by ID (bundleIdPatch)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**PUT /Bundle/{id}**

update-instance: Update an existing Bundle instance, or create using a client-assigned ID (bundleIdPut)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /Bundle/{id}/$validate

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Bundle/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
POST /Bundle

create-type: Create a new Bundle instance (bundlePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Bundle/$validate

(bundleValidateGet)

Query parameters

resource (optional)
Query Parameter

mode (optional)
Query Parameter

profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

CapabilityStatement

POST /CapabilityStatement/$expunge

(capabilityStatementExpungePost)
Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /CapabilityStatement

search-type: Search for CapabilityStatement instances (capabilityStatementGet)

This is a search type

Query parameters

date (optional)

Query Parameter —

Multiple Resources:
- CapabilityStatement: The capability statement publication date
- CodeSystem: The code system publication date
- CompartmentDefinition: The compartment definition publication date
- ConceptMap: The concept map publication date
- GraphDefinition: The graph definition publication date
- ImplementationGuide: The implementation guide publication date
- MessageDefinition: The message definition publication date
- NamingSystem: The naming system publication date
- OperationDefinition: The operation definition publication date
- SearchParameter: The search parameter publication date
- StructureDefinition: The structure definition publication date
- StructureMap: The structure map publication date
- TerminologyCapabilities: The terminology capabilities publication date
- ValueSet: The value set publication date

software (optional)

Query Parameter — Part of the name of a software application

context-type-value (optional)

Query Parameter —

Multiple Resources:
- CapabilityStatement: A use context type and value assigned to the capability statement
- CodeSystem: A use context type and value assigned to the code system
- CompartmentDefinition: A use context type and value assigned to the compartment definition
- ConceptMap: A use context type and value assigned to the concept map
- GraphDefinition: A use context type and value assigned to the graph definition
- ImplementationGuide: A use context type and value assigned to the implementation guide
- MessageDefinition: A use context type and value assigned to the message definition
- **NamingSystem**: A use context type and value assigned to the naming system
- **OperationDefinition**: A use context type and value assigned to the operation definition
- **SearchParameter**: A use context type and value assigned to the search parameter
- **StructureDefinition**: A use context type and value assigned to the structure definition
- **StructureMap**: A use context type and value assigned to the structure map
- **TerminologyCapabilities**: A use context type and value assigned to the terminology capabilities
- **ValueSet**: A use context type and value assigned to the value set

_lastUpdated (optional)

*Query Parameter* — When the resource version last changed

jurisdiction (optional)

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: Intended jurisdiction for the capability statement
- **CodeSystem**: Intended jurisdiction for the code system
- **ConceptMap**: Intended jurisdiction for the concept map
- **GraphDefinition**: Intended jurisdiction for the graph definition
- **ImplementationGuide**: Intended jurisdiction for the implementation guide
- **MessageDefinition**: Intended jurisdiction for the message definition
- **NamingSystem**: Intended jurisdiction for the naming system
- **OperationDefinition**: Intended jurisdiction for the operation definition
- **SearchParameter**: Intended jurisdiction for the search parameter
- **StructureDefinition**: Intended jurisdiction for the structure definition
- **StructureMap**: Intended jurisdiction for the structure map
- **TerminologyCapabilities**: Intended jurisdiction for the terminology capabilities
- **ValueSet**: Intended jurisdiction for the value set

description (optional)

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: The description of the capability statement
- **CodeSystem**: The description of the code system
- **CompartmentDefinition**: The description of the compartment definition
- **ConceptMap**: The description of the concept map
- **GraphDefinition**: The description of the graph definition
- **ImplementationGuide**: The description of the implementation guide
- **MessageDefinition**: The description of the message definition
- **NamingSystem**: The description of the naming system
- **OperationDefinition**: The description of the operation definition
- **SearchParameter**: The description of the search parameter
- **StructureDefinition**: The description of the structure definition
- **StructureMap**: The description of the structure map
- **TerminologyCapabilities**: The description of the terminology capabilities
- **ValueSet**: The description of the value set

context-type (optional)

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: A type of use context assigned to the capability statement
- **CodeSystem**: A type of use context assigned to the code system
- **CompartmentDefinition**: A type of use context assigned to the compartment definition
- **ConceptMap**: A type of use context assigned to the concept map
- **GraphDefinition**: A type of use context assigned to the graph definition
- **ImplementationGuide**: A type of use context assigned to the implementation guide
- **MessageDefinition**: A type of use context assigned to the message definition
- **NamingSystem**: A type of use context assigned to the naming system
- **OperationDefinition**: A type of use context assigned to the operation definition
- **SearchParameter**: A type of use context assigned to the search parameter
- **StructureDefinition**: A type of use context assigned to the structure definition
- **StructureMap**: A type of use context assigned to the structure map
- **TerminologyCapabilities**: A type of use context assigned to the terminology capabilities
- **ValueSet**: A type of use context assigned to the value set
fhirversion (optional)
Query Parameter — The version of FHIR

title (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The human-friendly name of the capability statement
- **CodeSystem**: The human-friendly name of the code system
- **ConceptMap**: The human-friendly name of the concept map
- **ImplementationGuide**: The human-friendly name of the implementation guide
- **MessageDefinition**: The human-friendly name of the message definition
- **OperationDefinition**: The human-friendly name of the operation definition
- **StructureDefinition**: The human-friendly name of the structure definition
- **StructureMap**: The human-friendly name of the structure map
- **TerminologyCapabilities**: The human-friendly name of the terminology capabilities
- **ValueSet**: The human-friendly name of the value set

mode (optional)
Query Parameter — Mode - restful (server/client) or messaging (sender/receiver)

context-quantity (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A quantity- or range-valued use context assigned to the capability statement
- **CodeSystem**: A quantity- or range-valued use context assigned to the code system
- **CompartmentDefinition**: A quantity- or range-valued use context assigned to the compartment definition
- **ConceptMap**: A quantity- or range-valued use context assigned to the concept map
- **GraphDefinition**: A quantity- or range-valued use context assigned to the graph definition
- **ImplementationGuide**: A quantity- or range-valued use context assigned to the implementation guide
- **MessageDefinition**: A quantity- or range-valued use context assigned to the message definition
- **NamingSystem**: A quantity- or range-valued use context assigned to the naming system
- **OperationDefinition**: A quantity- or range-valued use context assigned to the operation definition
- **SearchParameter**: A quantity- or range-valued use context assigned to the search parameter
- **StructureDefinition**: A quantity- or range-valued use context assigned to the structure definition
- **StructureMap**: A quantity- or range-valued use context assigned to the structure map
- **TerminologyCapabilities**: A quantity- or range-valued use context assigned to the terminology capabilities
- **ValueSet**: A quantity- or range-valued use context assigned to the value set

context (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A use context assigned to the capability statement
- **CodeSystem**: A use context assigned to the code system
- **CompartmentDefinition**: A use context assigned to the compartment definition
- **ConceptMap**: A use context assigned to the concept map
- **GraphDefinition**: A use context assigned to the graph definition
- **ImplementationGuide**: A use context assigned to the implementation guide
- **MessageDefinition**: A use context assigned to the message definition
- **NamingSystem**: A use context assigned to the naming system
- **OperationDefinition**: A use context assigned to the operation definition
- **SearchParameter**: A use context assigned to the search parameter
- **StructureDefinition**: A use context assigned to the structure definition
- **StructureMap**: A use context assigned to the structure map
- **TerminologyCapabilities**: A use context assigned to the terminology capabilities
- **ValueSet**: A use context assigned to the value set

guide (optional)
Query Parameter — Implementation guides supported
context-type-quantity (optional)

Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A use context type and quantity- or range-based value assigned to the capability statement
- **CodeSystem**: A use context type and quantity- or range-based value assigned to the code system
- **CompartmentDefinition**: A use context type and quantity- or range-based value assigned to the compartment definition
- **ConceptMap**: A use context type and quantity- or range-based value assigned to the concept map
- **GraphDefinition**: A use context type and quantity- or range-based value assigned to the graph definition
- **ImplementationGuide**: A use context type and quantity- or range-based value assigned to the implementation guide
- **MessageDefinition**: A use context type and quantity- or range-based value assigned to the message definition
- **NamingSystem**: A use context type and quantity- or range-based value assigned to the naming system
- **OperationDefinition**: A use context type and quantity- or range-based value assigned to the operation definition
- **SearchParameter**: A use context type and quantity- or range-based value assigned to the search parameter
- **StructureDefinition**: A use context type and quantity- or range-based value assigned to the structure definition
- **StructureMap**: A use context type and quantity- or range-based value assigned to the structure map
- **TerminologyCapabilities**: A use context type and quantity- or range-based value assigned to the terminology capabilities
- **ValueSet**: A use context type and quantity- or range-based value assigned to the value set

resource-profile (optional)

Query Parameter — A profile id invoked in a capability statement

resource (optional)

Query Parameter — Name of a resource mentioned in a capability statement

_security (optional)

Query Parameter — Security Labels applied to this resource

format (optional)

Query Parameter — formats supported (xml | json | ttl | mime type)

version (optional)

Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The business version of the capability statement
- **CodeSystem**: The business version of the code system
- **CompartmentDefinition**: The business version of the compartment definition
- **ConceptMap**: The business version of the concept map
- **GraphDefinition**: The business version of the graph definition
- **ImplementationGuide**: The business version of the implementation guide
- **MessageDefinition**: The business version of the message definition
- **OperationDefinition**: The business version of the operation definition
- **SearchParameter**: The business version of the search parameter
- **StructureDefinition**: The business version of the structure definition
- **StructureMap**: The business version of the structure map
- **TerminologyCapabilities**: The business version of the terminology capabilities
- **ValueSet**: The business version of the value set

supported-profile (optional)

Query Parameter — Profiles for use cases supported

url (optional)

Query Parameter —

Multiple Resources:
• **CapabilityStatement**: The uri that identifies the capability statement
• **CodeSystem**: The uri that identifies the code system
• **CompartmentDefinition**: The uri that identifies the compartment definition
• **ConceptMap**: The uri that identifies the concept map
• **GraphDefinition**: The uri that identifies the graph definition
• **ImplementationGuide**: The uri that identifies the implementation guide
• **MessageDefinition**: The uri that identifies the message definition
• **OperationDefinition**: The uri that identifies the operation definition
• **SearchParameter**: The uri that identifies the search parameter
• **StructureDefinition**: The uri that identifies the structure definition
• **StructureMap**: The uri that identifies the structure map
• **TerminologyCapabilities**: The uri that identifies the terminology capabilities
• **ValueSet**: The uri that identifies the value set

_filter (optional)
*Query Parameter* — Search the contents of the resource's data using a filter

_profile (optional)
*Query Parameter* — Profiles this resource claims to conform to

_tag (optional)
*Query Parameter* — Tags applied to this resource

security-service (optional)
*Query Parameter* — OAuth | SMART-on-FHIR | NTLM | Basic | Kerberos | Certificates

_has (optional)
*Query Parameter* — Return resources linked to by the given target

name (optional)
*Query Parameter* —

Multiple Resources:

• **CapabilityStatement**: Computationally friendly name of the capability statement
• **CodeSystem**: Computationally friendly name of the code system
• **CompartmentDefinition**: Computationally friendly name of the compartment definition
• **ConceptMap**: Computationally friendly name of the concept map
• **GraphDefinition**: Computationally friendly name of the graph definition
• **ImplementationGuide**: Computationally friendly name of the implementation guide
• **MessageDefinition**: Computationally friendly name of the message definition
• **NamingSystem**: Computationally friendly name of the naming system
• **OperationDefinition**: Computationally friendly name of the operation definition
• **SearchParameter**: Computationally friendly name of the search parameter
• **StructureDefinition**: Computationally friendly name of the structure definition
• **StructureMap**: Computationally friendly name of the structure map
• **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
• **ValueSet**: Computationally friendly name of the value set

publisher (optional)
*Query Parameter* —

Multiple Resources:

• **CapabilityStatement**: Name of the publisher of the capability statement
• **CodeSystem**: Name of the publisher of the code system
• **CompartmentDefinition**: Name of the publisher of the compartment definition
• **ConceptMap**: Name of the publisher of the concept map
• **GraphDefinition**: Name of the publisher of the graph definition
• **ImplementationGuide**: Name of the publisher of the implementation guide
• **MessageDefinition**: Name of the publisher of the message definition
• **NamingSystem**: Name of the publisher of the naming system
• **OperationDefinition**: Name of the publisher of the operation definition
• **SearchParameter**: Name of the publisher of the search parameter
• **StructureDefinition**: Name of the publisher of the structure definition
• **StructureMap**: Name of the publisher of the structure map
• **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
• **ValueSet**: Name of the publisher of the value set

__source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: The current status of the capability statement
- CodeSystem: The current status of the code system
- CompartmentDefinition: The current status of the compartment definition
- ConceptMap: The current status of the concept map
- GraphDefinition: The current status of the graph definition
- ImplementationGuide: The current status of the implementation guide
- MessageDefinition: The current status of the message definition
- NamingSystem: The current status of the naming system
- OperationDefinition: The current status of the operation definition
- SearchParameter: The current status of the search parameter
- StructureDefinition: The current status of the structure definition
- StructureMap: The current status of the structure map
- TerminologyCapabilities: The current status of the terminology capabilities
- ValueSet: The current status of the value set

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /CapabilityStatement/_history

type-history: Fetch the resource change history for all resources of type CapabilityStatement
(capabilityStatementHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
DELETE /CapabilityStatement/{id}

instance-delete: Perform a logical delete on a resource instance (capabilityStatementIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be convey by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /CapabilityStatement/{id}/$expunge
(capabilityStatementIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be convey by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /CapabilityStatement/{id}

read-instance: Read CapabilityStatement instance (capabilityStatementIdGet)

Path parameters
id (required)
HAPI FHIR Server

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /CapabilityStatement/{id}/_history

instance-history: Fetch the resource change history for all resources of type CapabilityStatement (capabilityStatementIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /CapabilityStatement/{id}/_history/{version_id}

vread-instance: Read CapabilityStatement instance with specific version (capabilityStatementIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
POST /CapabilityStatement/{id}/$meta-add

(capabilityStatementIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

 Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

 Request body

 body object (optional)
Body Parameter —

 Return type
Object

 Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

 Responses
200
Success Object

POST /CapabilityStatement/{id}/$meta-delete
(capabilityStatementIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

 body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /CapabilityStatement/{id}/$meta

(capabilityStatementIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /CapabilityStatement/{id}

(instance-patch: Patch a resource instance of type CapabilityStatement by ID (capabilityStatementIdPatch))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
PUT /CapabilityStatement/{id}

update-instance: Update an existing CapabilityStatement instance, or create using a client-assigned ID (capabilityStatementIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /CapabilityStatement/{id}/$validate

(capabilityStatementIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type

Object
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success [Object](https://10.2.2.41/api-doc/165/)

### GET /CapabilityStatement/$meta (capabilityStatementMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

#### Query parameters
- return (optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body
body [object](https://10.2.2.41/api-doc/165/)(optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body
body [object](https://10.2.2.41/api-doc/165/)(optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body
body [object](https://10.2.2.41/api-doc/165/)(optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body
body [object](https://10.2.2.41/api-doc/165/)(optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body
body [object](https://10.2.2.41/api-doc/165/)(optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body
body [object](https://10.2.2.41/api-doc/165/)(optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body
body [object](https://10.2.2.41/api-doc/165/)(optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body
body [object](https://10.2.2.41/api-doc/165/)(optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body
body [object](https://10.2.2.41/api-doc/165/)(optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body
body [object](https://10.2.2.41/api-doc/165/)(optional)

#### Return type
Object

### POST /CapabilityStatement
create-type: Create a new CapabilityStatement instance (capabilityStatementPost)

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
GET /CapabilityStatement/$validate
(capabilityStatementValidateGet)

Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

CarePlan

POST /CarePlan/$expunge
(carePlanExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CarePlan
search-type: Search for CarePlan instances (**carePlanGet**)

This is a search type

**Query parameters**

- **date (optional)**
  
  *Query Parameter* —

  Multiple Resources:
  
  - **AllergyIntolerance**: Date first version of the resource instance was recorded
  - **CarePlan**: Time period plan covers
  - **CareTeam**: Time period team covers
  - **ClinicalImpression**: When the assessment was documented
  - **Composition**: Composition editing time
  - **Consent**: When this Consent was created or indexed
  - **DiagnosticReport**: The clinically relevant time of the report
  - **Encounter**: A date within the period the Encounter lasted
  - **EpisodeOfCare**: The provided date search value falls within the episode of care's period
  - **FamilyMemberHistory**: When history was recorded or last updated
  - **Flag**: Time period when flag is active
  - **Immunization**: Vaccination (non)-Administration Date
  - **List**: When the list was prepared
  - **Observation**: Obtained date/time. If the obtained element is a period, a date that falls in the period
  - **Procedure**: When the procedure was performed
  - **RiskAssessment**: When was assessment made?
  - **SupplyRequest**: When the request was made

- **care-team (optional)**
  
  *Query Parameter* — Who's involved in plan?

- **subject (optional)**
  
  *Query Parameter* — Who the care plan is for

- **lastUpdated (optional)**
  
  *Query Parameter* — When the resource version last changed

- **part-of (optional)**
  
  *Query Parameter* — Part of referenced CarePlan

- **based-on (optional)**
  
  *Query Parameter* — Fulfills CarePlan

- **patient (optional)**
  
  *Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**activity-date (optional)**

*Query Parameter* — Specified date occurs within period specified by CarePlan.activity.detail.scheduled[x]

**instantiates-uri (optional)**

*Query Parameter* — Instantiates external protocol or definition

**activity-code (optional)**

*Query Parameter* — Detail type of activity

**identifier (optional)**

*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External Ids for this plan
- **CareTeam**: External Ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business Identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**goal (optional)**

*Query Parameter* — Desired outcome of plan

**performer (optional)**

*Query Parameter* — Matches if the practitioner is listed as a performer in any of the "simple" activities. (For performers of the detailed activities, chain through the activitydetail search parameter.)

**replaces (optional)**

*Query Parameter* — CarePlan replaced by this CarePlan

**_security (optional)**

*Query Parameter* — Security Labels applied to this resource
instantiates-canonical (optional)
Query Parameter — Instantiates FHIR protocol or definition

encounter (optional)
Query Parameter — Encounter created as part of

intent (optional)
Query Parameter — proposal | plan | order | option

activity-reference (optional)
Query Parameter — Activity details defined in specific resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

condition (optional)
Query Parameter — Health issues this plan addresses

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)
Query Parameter — Type of plan

status (optional)
Query Parameter — draft | active | on-hold | revoked | completed | entered-in-error | unknown

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CarePlan/_history

type-history: Fetch the resource change history for all resources of type CarePlan (carePlanHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
DELETE /CarePlan/{id}

instance-delete: Perform a logical delete on a resource instance (carePlanIdDelete)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /CarePlan/{id}/$expunge

(carePlanIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
### GET /CarePlan/{id}

**read-instance:** Read CarePlan instance (carePlanIdGet)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200
  
  Success [Object](https://10.2.2.41/api-doc/)

### GET /CarePlan/{id}/_history

**instance-history:** Fetch the resource change history for all resources of type CarePlan (carePlanIdHistoryGet)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200
  
  Success [Object](https://10.2.2.41/api-doc/)

### GET /CarePlan/{id}/_history/{version_id}

**vread-instance:** Read CarePlan instance with specific version (carePlanIdHistoryVersionIdGet)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

- **version_id** (required)
  
  *Path Parameter* — The resource version ID default: null

**Return type**

- Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /CarePlan/{id}/$meta-add

carePlanIdMetaAddPost
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /CarePlan/{id}/$meta-delete

carePlanIdMetaDeletePost
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success [Object]

GET /CarePlan/{id}/$meta
(carePlanIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success [Object]

PATCH /CarePlan/{id}
(instance-patch: Patch a resource instance of type CarePlan by ID (carePlanIdPatch)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
PUT /CarePlan/{id}

update-instance: Update an existing CarePlan instance, or create using a client-assigned ID (carePlanIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CarePlan/{id}/$validate
(carePlanIdValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

Query Parameter —
mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CarePlan/$meta
(carePlanMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CarePlan
(create-type: Create a new CarePlan instance (carePlanPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CarePlan/$validate
(carePlanValidateGet)

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

CareTeam

POST /CareTeam/$expunge
(careTeamExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
Responses
200
Success Object

GET /CareTeam

search-type: Search for CareTeam instances (careTeamGet)

This is a search type

Query parameters

date (optional)

Query Parameter —

Multiple Resources:

- AllergyIntolerance: Date first version of the resource instance was recorded
- CarePlan: Time period plan covers
- CareTeam: Time period team covers
- ClinicalImpression: When the assessment was documented
- Composition: Composition editing time
- Consent: When this Consent was created or indexed
- DiagnosticReport: The clinically relevant time of the report
- Encounter: A date within the period the Encounter lasted
- EpisodeOfCare: The provided date search value falls within the episode of care's period
- FamilyMemberHistory: When history was recorded or last updated
- Flag: Time period when flag is active
- Immunization: Vaccination (non)-Administration Date
- List: When the list was prepared
- Observation: Obtained date/time. If the obtained element is a period, a date that falls in the period
- Procedure: When the procedure was performed
- RiskAssessment: When was assessment made?
- SupplyRequest: When the request was made

identifier (optional)

Query Parameter —

Multiple Resources:

- AllergyIntolerance: External ids for this item
- CarePlan: External Ids for this plan
- CareTeam: External Ids for this team
- Composition: Version-independent identifier for the Composition
- Condition: A unique identifier of the condition record
- Consent: Identifier for this record (external references)
- DetectedIssue: Unique id for the detected issue
- DeviceRequest: Business identifier for request/order
- DiagnosticReport: An identifier for the report
- DocumentManifest: Unique Identifier for the set of documents
- DocumentReference: Master Version Specific Identifier
- Encounter: Identifier(s) by which this encounter is known
- EpisodeOfCare: Business Identifier(s) relevant for this EpisodeOfCare
- FamilyMemberHistory: A search by a record identifier
- Goal: External Ids for this goal
- ImagingStudy: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- Immunization: Business identifier
- List: Business Identifier
- MedicationAdministration: Return administrations with this external identifier
- MedicationDispense: Returns dispenses with this external identifier
- MedicationRequest: Return prescriptions with this external identifier
- MedicationStatement: Return statements with this external identifier
- NutritionOrder: Return nutrition orders with this external identifier
- Observation: The unique id for a particular observation
- Procedure: A unique identifier for a procedure
- RiskAssessment: Unique identifier for the assessment

https://10.2.2.41/api-doc/
• **ServiceRequest**: Identifiers assigned to this order
• **SupplyDelivery**: External identifier
• **SupplyRequest**: Business Identifier for SupplyRequest
• **VisionPrescription**: Return prescriptions with this external identifier

**subject (optional)**
Query Parameter — Who care team is for

**_lastUpdated (optional)**
Query Parameter — When the resource version last changed

**_security (optional)**
Query Parameter — Security Labels applied to this resource

**encounter (optional)**
Query Parameter — Encounter created as part of

**participant (optional)**
Query Parameter — Who is involved

**_filter (optional)**
Query Parameter — Search the contents of the resource's data using a filter

**_profile (optional)**
Query Parameter — Profiles this resource claims to conform to

**patient (optional)**
Query Parameter —

Multiple Resources:

• **AllergyIntolerance**: Who the sensitivity is for
• **CarePlan**: Who the care plan is for
• **CareTeam**: Who care team is for
• **ClinicalImpression**: Patient or group assessed
• **Composition**: Who and/or what the composition is about
• **Condition**: Who has the condition?
• **Consent**: Who the consent applies to
• **DetectedIssue**: Associated patient
• **DeviceRequest**: Individual the service is ordered for
• **DeviceUseStatement**: Search by subject - a patient
• **DiagnosticReport**: The subject of the report if a patient
• **DocumentManifest**: The subject of the set of documents
• **DocumentReference**: Who/what is the subject of the document
• **Encounter**: The patient or group present at the encounter
• **EpisodeOfCare**: The patient who is the focus of this episode of care
• **FamilyMemberHistory**: The identity of a subject to list family member history items for
• **Flag**: The identity of a subject to list flags for
• **Goal**: Who this goal is intended for
• **ImagingStudy**: Who the study is about
• **Immunization**: The patient for the vaccination record
• **List**: If all resources have the same subject
• **MedicationAdministration**: The identity of a patient to list administrations for
• **MedicationDispense**: The identity of a patient to list dispenses for
• **MedicationRequest**: Returns prescriptions for a specific patient
• **MedicationStatement**: Returns statements for a specific patient.
• **NutritionOrder**: The identity of the patient who requires the diet, formula or nutritional supplement
• **Observation**: The subject that the observation is about (if patient)
• **Procedure**: Search by subject - a patient
• **RiskAssessment**: Who/what does assessment apply to?
• **ServiceRequest**: Search by subject - a patient
• **SupplyDelivery**: Patient for whom the item is supplied
• **VisionPrescription**: The identity of a patient to list dispenses for

**_tag (optional)**
Query Parameter — Tags applied to this resource

**_has (optional)**
Query Parameter — Return resources linked to by the given target

**_source (optional)**
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)
Query Parameter — Type of team

status (optional)
Query Parameter — proposed | active | suspended | inactive | entered-in-error

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CareTeam/_history

type-history: Fetch the resource change history for all resources of type CareTeam (careTeamHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /CareTeam/{id}

instance-delete: Perform a logical delete on a resource instance (careTeamIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /CareTeam/{id}/$expunge

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CareTeam/{id}

read-instance: Read CareTeam instance (careTeamIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /CareTeam/{id}/_history

instance-history: Fetch the resource change history for all resources of type CareTeam (careTeamIdHistoryGet)

Path parameters

   id (required)
   
   Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /CareTeam/{id}/_history/{version_id}

vread-instance: Read CareTeam instance with specific version (careTeamIdHistoryVersionIdGet)

Path parameters

   id (required)
   
   Path Parameter — The resource ID default: null

   version_id (required)
   
   Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /CareTeam/{id}/$meta-add

careTeamIdMetaAddPost

Add tags, profiles, and/or security labels to a resource

Path parameters

   id (required)
   
   Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:
POST /CareTeam/{id}$/meta-delete

careTeamIdMetaDeletePost

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /CareTeam/{id}

instance-patch: Patch a resource instance of type CareTeam by ID (careTeamIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /CareTeam/{id}

update-instance: Update an existing CareTeam instance, or create using a client-assigned ID (careTeamIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /CareTeam/{id}/$validate
(careTeamIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /CareTeam/$meta
(careTeamMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CareTeam

create-type: Create a new CareTeam instance (careTeamPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CareTeam/$validate

careTeamValidateGet)

Query parameters

resource (optional)

Query Parameter –

mode (optional)

Query Parameter –

profile (optional)

Query Parameter –
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

CatalogEntry

POST /CatalogEntry/$expunge
(catalogEntryExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CatalogEntry
(catalogEntryGet)

search-type: Search for CatalogEntry instances (catalogEntryGet)

This is a search type

Query parameters

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_security (optional)
Query Parameter — Security Labels applied to this resource
_source (optional)
 Query Parameter — Identifies where the resource comes from

_id (optional)
 Query Parameter — Logical id of this artifact

_text (optional)
 Query Parameter — Search on the narrative of the resource

_content (optional)
 Query Parameter — Search on the entire content of the resource

_filter (optional)
 Query Parameter — Search the contents of the resource's data using a filter

Return type
 Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

---

GET /CatalogEntry/_history

_type-history: Fetch the resource change history for all resources of type CatalogEntry (catalogEntryHistoryGet)

Return type
 Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

---

DELETE /CatalogEntry/{id}

_instance-delete: Perform a logical delete on a resource instance (catalogEntryIdDelete)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
 Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST /CatalogEntry/{id}/$expunge

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /CatalogEntry/{id}

read-instance: Read CatalogEntry instance (catalogEntryIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /CatalogEntry/{id}/_history
instance-history: Fetch the resource change history for all resources of type CatalogEntry (catalogEntryIdHistoryGet)

Path parameters

- id (required)

  Path Parameter — The resource ID default: null

Return type

- Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

- 200 Success Object

GET /CatalogEntry/{id}/_history/{version_id}

vread-instance: Read CatalogEntry instance with specific version (catalogEntryIdHistoryVersionIdGet)

Path parameters

- id (required)

  Path Parameter — The resource ID default: null

- version_id (required)

  Path Parameter — The resource version ID default: null

Return type

- Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

- 200 Success Object

POST /CatalogEntry/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

- id (required)

  Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
POST /CatalogEntry/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required) — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /CatalogEntry/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required) — The resource ID default: null
Query parameters

return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PATCH /CatalogEntry/{id}

instance-patch: Patch a resource instance of type CatalogEntry by ID (catalogEntryIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PUT /CatalogEntry/{id}

update-instance: Update an existing CatalogEntry instance, or create using a client-assigned ID (catalogEntryIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

### Request body

**body object** (optional)

**Body Parameter** —

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses

200
Success **Object**

---

**GET /CatalogEntry/{id}/$validate**

(catalogEntryIdValidateGet)

### Path parameters

- **id** (required)
  
  **Path Parameter** — The resource ID default: null

### Query parameters

- **resource** (optional)
  
  **Query Parameter** —

- **mode** (optional)
  
  **Query Parameter** —

- **profile** (optional)
  
  **Query Parameter** —

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses

200
Success **Object**

---

**GET /CatalogEntry/$meta**

(catalogEntryMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

### Query parameters

---

https://10.2.2.41/api-doc/
POST /CatalogEntry

create-type: Create a new CatalogEntry instance (catalogEntryPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CatalogEntry/$validate
(catalogEntryValidateGet)

Query parameters

resource (optional)
mode (optional)
profile (optional)

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

### ChargeItem

**POST** /ChargeItem/$expunge

(chargeItemExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

**body** **object** *(optional)*

**Return type**

Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET** /ChargeItem

search-type: Search for ChargeItem instances *(chargeItemGet)*

This is a search type

**Query parameters**

- **performing-organization** *(optional)*
  
  *Query Parameter* — Organization providing the charged service

- **code** *(optional)*
  
  *Query Parameter* — A code that identifies the charge, like a billing code

- **subject** *(optional)*
  
  *Query Parameter* — Individual service was done for/to

- **_lastUpdated** *(optional)*
  
  *Query Parameter* — When the resource version last changed

- **occurrence** *(optional)*
  
  *Query Parameter* — When the charged service was applied

- **entered-date** *(optional)*
  
  *Query Parameter* — Date the charge item was entered
performer-function (optional)
Query Parameter — What type of performance was done

factor-override (optional)
Query Parameter — Factor overriding the associated rules

patient (optional)
Query Parameter — Individual service was done for/to

price-override (optional)
Query Parameter — Price overriding the associated rules

context (optional)
Query Parameter — Encounter / Episode associated with event

enterer (optional)
Query Parameter — Individual who was entering

identifier (optional)
Query Parameter — Business Identifier for item

quantity (optional)
Query Parameter — Quantity of which the charge item has been serviced

_security (optional)
Query Parameter — Security Labels applied to this resource

_filter (optional)
Query Parameter — Search the contents of the resource’s data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

service (optional)
Query Parameter — Which rendered service is being charged?

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

performer-actor (optional)
Query Parameter — Individual who was performing

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

account (optional)
Query Parameter — Account to place this charge

requesting-organization (optional)
Query Parameter — Organization requesting the charged service

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /ChargeItem/_history

Type-history: Fetch the resource change history for all resources of type ChargeItem (chargeItemHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /ChargeItem/{id}

Instance-delete: Perform a logical delete on a resource instance (chargeItemIdDelete)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ChargeItem/{id}/$expunge

(chargeItemIdExpungePost)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ChargeItem/{id}
read-instance: Read ChargeItem instance (chargeItemGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ChargeItem/{id}/_history
instance-history: Fetch the resource change history for all resources of type ChargeItem (chargeItemHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ChargeItem/{id}/_history/{version_id}
vread-instance: Read ChargeItem instance with specific version (chargeItemIdHistoryVersionIdGet)

**Path parameters**

- **id** (required)
  - *Path Parameter* — The resource ID default: null
- **version_id** (required)
  - *Path Parameter* — The resource version ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

**Responses**
200 Success *Object*

---

### POST /ChargeItem/{id}/$meta-add

((LogLevelIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

**Path parameters**

- **id** (required)
  - *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

**Request body**

- **body** *object* (optional)
  - *Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

**Responses**
200 Success *Object*

---

### POST /ChargeItem/{id}/$meta-delete

((LogLevelIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource
Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ChargeItem/{id}/$meta

(chargeItemIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PATCH /ChargeItem/{id}

(chargeItemIdPatch)

instance-patch: Patch a resource instance of type ChargeItem by ID (chargeItemIdPatch)
**PUT /ChargeItem/{id}**

update-instance: Update an existing ChargeItem instance, or create using a client-assigned ID (chargeItemIdPut)

### Path parameters

**id (required)**

*Path Parameter* — The resource ID default: null

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

### Request body

**body object (optional)**

*Body Parameter* —

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

### Responses

200

Success **Object**
GET /ChargeItem/{id}/$validate

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Query parameters
resource (optional)
  Query Parameter —
mode (optional)
  Query Parameter —
profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

GET /ChargeItem/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

POST /ChargeItem

create-type: Create a new ChargeItem instance (chargeItemPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

**body object** (optional)

**Body Parameter**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
   Success **Object**

---

**GET /ChargeItem/$validate**

(chargeItemValidateGet)

**Query parameters**

- resource (optional)
  
  **Query Parameter**
  
- mode (optional)
  
  **Query Parameter**
  
- profile (optional)
  
  **Query Parameter**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
   Success **Object**

---

**ChargeItemDefinition**

**POST /ChargeItemDefinition/$expunge**

(chargeItemDefinitionExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ChargeItemDefinition

search-type: Search for ChargeItemDefinition instances (chargeItemDefinitionGet)

This is a search type

Query parameters

date (optional)
Query Parameter — The charge item definition publication date

context-type-value (optional)
Query Parameter — A use context type and value assigned to the charge item definition

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter — Intended jurisdiction for the charge item definition

description (optional)
Query Parameter — The description of the charge item definition

context-type (optional)
Query Parameter — A type of use context assigned to the charge item definition

title (optional)
Query Parameter — The human-friendly name of the charge item definition

context-quantity (optional)
Query Parameter — A quantity- or range-valued use context assigned to the charge item definition

effective (optional)
Query Parameter — The time during which the charge item definition is intended to be in use

context (optional)
Query Parameter — A use context assigned to the charge item definition

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the charge item definition

identifier (optional)
Query Parameter — External identifier for the charge item definition

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the charge item definition

url (optional)
Query Parameter — The uri that identifies the charge item definition
_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

 PROFILE (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

title (optional)
Query Parameter — Name of the publisher of the charge item definition

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — The current status of the charge item definition

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ChargeItemDefinition/_history

type-history: Fetch the resource change history for all resources of type ChargeItemDefinition
(chargeItemDefinitionHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /ChargeItemDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (chargeItemDefinitionIdDelete)
### POST /ChargeItemDefinition/{id}/$expunge

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body** `object` (optional)
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  
  Success [Object](#)

### GET /ChargeItemDefinition/{id}

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  
  Success [Object](#)
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**GET /ChargeItemDefinition/{id}/_history**

instance-history: Fetch the resource change history for all resources of type ChargeItemDefinition (chargeItemDefinitionIdHistoryGet)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**GET /ChargeItemDefinition/{id}/_history/{version_id}**

vread-instance: Read ChargeItemDefinition instance with specific version (chargeItemDefinitionIdHistoryVersionIdGet)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

- **version_id** (required)
  
  *Path Parameter* — The resource version ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**
POST /ChargeItemDefinition/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type

Object

Producers

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /ChargeItemDefinition/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type

Object

Producers

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /ChargeItemDefinition/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /ChargeItemDefinition/{id}

instance-patch: Patch a resource instance of type ChargeItemDefinition by ID (chargeItemDefinitionIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
PUT /ChargeItemDefinition/{id}

update-instance: Update an existing ChargeItemDefinition instance, or create using a client-assigned ID (chargeItemDefinitionIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ChargeItemDefinition/{id}/$validate

(chargeItemDefinitionIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ChargeItemDefinition/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ChargeItemDefinition

create-type: Create a new ChargeItemDefinition instance (chargeItemDefinitionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /ChargeItemDefinition/$validate

(chargeItemDefinitionValidateGet)

Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

Claim

POST /Claim/$expunge

(claimExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Claim

search-type: Search for Claim instances (claimGet)

This is a search type
Query parameters

care-team (optional)
Query Parameter — Member of the CareTeam

use (optional)
Query Parameter — The kind of financial resource

_lastUpdated (optional)
Query Parameter — When the resource version last changed

payee (optional)
Query Parameter — The party receiving any payment for the Claim

provider (optional)
Query Parameter — Provider responsible for the Claim

insurer (optional)
Query Parameter — The target payor/insurer for the Claim

patient (optional)
Query Parameter — Patient receiving the products or services

detail-udi (optional)
Query Parameter — UDI associated with a line item, detail product or service

enterer (optional)
Query Parameter — The party responsible for the entry of the Claim

procedure-udi (optional)
Query Parameter — UDI associated with a procedure

item-udi (optional)
Query Parameter — UDI associated with a line item product or service

identifier (optional)
Query Parameter — The primary identifier of the financial resource

created (optional)
Query Parameter — The creation date for the Claim

_security (optional)
Query Parameter — Security Labels applied to this resource

encounter (optional)
Query Parameter — Encounters associated with a billed line item

priority (optional)
Query Parameter — Processing priority requested

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

subdetail-udi (optional)
Query Parameter — UDI associated with a line item, detail, subdetail product or service

facility (optional)
Query Parameter — Facility where the products or services have been or will be provided
status (optional)

Query Parameter — The status of the Claim instance.

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Claim/_history

type-history: Fetch the resource change history for all resources of type Claim (claimHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Claim/{id}

instance-delete: Perform a logical delete on a resource instance (claimIdDelete)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Claim/{id}/$expunge (claimIdExpungePost)
Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Claim/{id}
read-instance: Read Claim instance (claimIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Claim/{id}/_history
instance-history: Fetch the resource change history for all resources of type Claim (claimIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Claim/{id}/_history/{version_id}

vread-instance: Read Claim instance with specific version (claimIdHistoryVersionIdGet)

Path parameters
- id (required) Path Parameter — The resource ID default: null
- version_id (required) Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Claim/{id}/$meta-add

(claimIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
- id (required) Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional) Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

**POST /Claim/{id}/$meta-delete**

(claimIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- **id (required)** — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body object (optional)**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /Claim/{id}/$meta**

(claimIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id (required)** — The resource ID default: null

**Query parameters**

- **return (optional)**

**Return type**

Object
Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Claim/{id}

instance-patch: Patch a resource instance of type Claim by ID (claimIdPatch)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
  - Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /Claim/{id}

update-instance: Update an existing Claim instance, or create using a client-assigned ID (claimIdPut)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
**GET /Claim/{id}/$validate**

(claimIdValidateGet)

**Path parameters**
- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**
- **resource** (optional)
- **mode** (optional)
- **profile** (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
- **200**
  Success *Object*

---

**GET /Claim/$meta**

(claimMetaGet)

**Query parameters**
- **return** (optional)

**Return type**
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
- **200**
  Success *Object*
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Claim
create-type: Create a new Claim instance (claimPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Claim/$validate
(claimValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
ClaimResponse

**POST /ClaimResponse/$expunge**

(constraint: `claimResponseExpungePost`)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body object (optional)**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200  Success  Object

---

**GET /ClaimResponse**

(search-type: Search for ClaimResponse instances (constraint: `claimResponseGet`))

This is a search type

**Query parameters**

- **identifier (optional)**
  Query Parameter — The identity of the ClaimResponse
- **request (optional)**
  Query Parameter — The claim reference
- **created (optional)**
  Query Parameter — The creation date
- **use (optional)**
  Query Parameter — The type of claim
- **_lastUpdated (optional)**
  Query Parameter — When the resource version last changed
- **_security (optional)**
  Query Parameter — Security Labels applied to this resource
- **payment-date (optional)**
  Query Parameter — The expected payment date
- **requestor (optional)**
  Query Parameter — The Provider of the claim
- **_filter (optional)**
  Query Parameter — Search the contents of the resource's data using a filter

---

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disposition (optional)
Query Parameter — The contents of the disposition message

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

insurer (optional)
Query Parameter — The organization which generated this resource

patient (optional)
Query Parameter — The subject of care

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

outcome (optional)
Query Parameter — The processing outcome

status (optional)
Query Parameter — The status of the ClaimResponse

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ClaimResponse/_history

type-history: Fetch the resource change history for all resources of type ClaimResponse (claimResponseHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
DELETE /ClaimResponse/{id}

instance-delete: Perform a logical delete on a resource instance (claimResponseIdDelete)

Path parameters

    id (required)
    Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /ClaimResponse/{id}/$expunge

(claimResponseIdExpungePost)

Path parameters

    id (required)
    Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

    body object (optional)
    Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ClaimResponse/{id}

read-instance: Read ClaimResponse instance (claimResponseIdGet)

Path parameters

    id (required)
GET /ClaimResponse/{id}/_history

instance-history: Fetch the resource change history for all resources of type ClaimResponse (claimResponseIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ClaimResponse/{id}/_history/{version_id}

vread-instance: Read ClaimResponse instance with specific version (claimResponseIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
POST /ClaimResponse/{id}$/meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ClaimResponse/{id}$/meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /ClaimResponse/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)  
*Path Parameter* — The resource ID default: null

Query parameters

return (optional)  
*Query Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the *Accept* request header; the media type will be conveyed by the *Content-Type* response header:

- application/fhir+json
- application/fhir+xml

Responses

200  
Success *Object*

PATCH /ClaimResponse/{id}

instance-patch: Patch a resource instance of type ClaimResponse by ID (claimResponseIdPatch)

Path parameters

id (required)  
*Path Parameter* — The resource ID default: null

Consume

This API call consumes the following media types via the *Content-Type* request header:

- application/fhir+json
- application/fhir+xml

Request body

body *object* (optional)  
*Body Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the *Accept* request header; the media type will be conveyed by the *Content-Type* response header:

- application/fhir+json
PUT /ClaimResponse/{id}

update-instance: Update an existing ClaimResponse instance, or create using a client-assigned ID (claimResponsePut)

Path parameters

id (required)
   Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
   Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ClaimResponse/{id}/$validate
(claimResponseValidateGet)

Path parameters

id (required)
   Path Parameter — The resource ID default: null

Query parameters

resource (optional)
   Query Parameter —

mode (optional)
   Query Parameter —

profile (optional)
   Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### GET /ClaimResponse/$meta

*(claimResponseMetaGet)*

Request a list of tags, profiles, and security labels for a specific resource instance

**Returns**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  Success **Object**

### POST /ClaimResponse

*create-type: Create a new ClaimResponse instance (claimResponsePost)*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

*body object (optional)*

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  Success **Object**
GET /ClaimResponse/$validate

(resource (optional) Query Parameter)

mode (optional) Query Parameter

profile (optional) Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

ClinicalImpression

POST /ClinicalImpression/$expunge

(Request body

body object (optional) Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ClinicalImpression

search-type: Search for ClinicalImpression instances (clinicalImpressionGet)

This is a search type
Query parameters

date (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: Date first version of the resource instance was recorded
- CarePlan: Time period plan covers
- CareTeam: Time period team covers
- ClinicalImpression: When the assessment was documented
- Composition: Composition editing time
- Consent: When this Consent was created or indexed
- DiagnosticReport: The clinically relevant time of the report
- Encounter: A date within the period the Encounter lasted
- EpisodeOfCare: The provided date search value falls within the episode of care's period
- FamilyMemberHistory: When history was recorded or last updated
- Flag: Time period when flag is active
- Immunization: Vaccination (non)-Administration Date
- List: When the list was prepared
- Observation: Obtained date/time. If the obtained element is a period, a date that falls in the period
- Procedure: When the procedure was performed
- RiskAssessment: When was assessment made?
- SupplyRequest: When the request was made

identifier (optional)
Query Parameter — Business identifier

previous (optional)
Query Parameter — Reference to last assessment

finding-code (optional)
Query Parameter — What was found

assessor (optional)
Query Parameter — The clinician performing the assessment

subject (optional)
Query Parameter — Patient or group assessed

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

counter (optional)
Query Parameter — Encounter created as part of

finding-ref (optional)
Query Parameter — What was found

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

problem (optional)
Query Parameter — Relevant impressions of patient state

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: Who the sensitivity is for
- CarePlan: Who the care plan is for
- CareTeam: Who care team is for
- ClinicalImpression: Patient or group assessed
- Composition: Who and/or what the composition is about
- Condition: Who has the condition?
- Consent: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

_**_tag (optional)
Query Parameter — Tags applied to this resource

_**_has (optional)
Query Parameter — Return resources linked to by the given target

**supporting-info (optional)
Query Parameter — Information supporting the clinical impression

**_source (optional)
Query Parameter — Record of a specific investigation

_**_id (optional)
Query Parameter — Logical id of this artifact

_**_text (optional)
Query Parameter — Search on the narrative of the resource

_**_content (optional)
Query Parameter — Search on the entire content of the resource

**status (optional)
Query Parameter — in-progress | completed | entered-in-error

**Return type
Object

**Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses
200
Success **Object**

**GET /ClinicalImpression/_history**
type-history: Fetch the resource change history for all resources of type ClinicalImpression (clinicalImpressionHistoryGet)

Returns
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /ClinicalImpression/{id}

instance-delete: Perform a logical delete on a resource instance (clinicalImpressionIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Returns
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ClinicalImpression/{id}/$expunge

(clinicalImpressionIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

Body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /ClinicalImpression/{id}

read-instance: Read ClinicalImpression instance (clinicalImpressionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ClinicalImpression/{id}/_history

instance-history: Fetch the resource change history for all resources of type ClinicalImpression (clinicalImpressionIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ClinicalImpression/{id}/_history/{version_id}

vread-instance: Read ClinicalImpression instance with specific version (clinicalImpressionIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null
version_id (required)
   *Path Parameter* — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success *Object*

---

**POST /ClinicalImpression/{id}/$meta-add**

(clinicalImpressionIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

- id (required)
   *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body *object* (optional)
  *Body Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success *Object*

---

**POST /ClinicalImpression/{id}/$meta-delete**

(clinicalImpressionIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

- id (required)
   *Path Parameter* — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ClinicalImpression/{id}/$meta
(clinicalImpressionIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /ClinicalImpression/{id}
(clinicalImpressionIdPatch)

instance-patch: Patch a resource instance of type ClinicalImpression by ID

Path parameters

id (required)
Path Parameter — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

**PUT /ClinicalImpression/{id}**

update-instance: Update an existing ClinicalImpression instance, or create using a client-assigned ID (clinicalImpressionIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

**GET /ClinicalImpression/{id}/$validate** (clinicalImpressionIdValidateGet)
Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ClinicalImpression/$meta
(clinicalImpressionMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ClinicalImpression
(clinicalImpressionPost)
create-type: Create a new ClinicalImpression instance

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ClinicalImpression/$validate
(clinicalImpressionValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

CodeSystem

POST /CodeSystem/$apply-codesystem-delta-add
(codeSystemApplyCodesystemDeltaAddPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —
POST /CodeSystem/$apply-codesystem-delta-remove
(codeSystemApplyCodesystemDeltaRemovePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CodeSystem/$expunge
(codeSystemExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /CodeSystem

search-type: Search for CodeSystem instances (codeSystemGet)

This is a search type

Query parameters

date (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: The capability statement publication date
- CodeSystem: The code system publication date
- CompartmentDefinition: The compartment definition publication date
- ConceptMap: The concept map publication date
- GraphDefinition: The graph definition publication date
- ImplementationGuide: The implementation guide publication date
- MessageDefinition: The message definition publication date
- NamingSystem: The naming system publication date
- OperationDefinition: The operation definition publication date
- SearchParameter: The search parameter publication date
- StructureDefinition: The structure definition publication date
- StructureMap: The structure map publication date
- TerminologyCapabilities: The terminology capabilities publication date
- ValueSet: The value set publication date

code (optional)
Query Parameter — A code defined in the code system

context-type-value (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: A use context type and value assigned to the capability statement
- CodeSystem: A use context type and value assigned to the code system
- CompartmentDefinition: A use context type and value assigned to the compartment definition
- ConceptMap: A use context type and value assigned to the concept map
- GraphDefinition: A use context type and value assigned to the graph definition
- ImplementationGuide: A use context type and value assigned to the implementation guide
- MessageDefinition: A use context type and value assigned to the message definition
- NamingSystem: A use context type and value assigned to the naming system
- OperationDefinition: A use context type and value assigned to the operation definition
- SearchParameter: A use context type and value assigned to the search parameter
- StructureDefinition: A use context type and value assigned to the structure definition
- StructureMap: A use context type and value assigned to the structure map
- TerminologyCapabilities: A use context type and value assigned to the terminology capabilities
- ValueSet: A use context type and value assigned to the value set

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: Intended jurisdiction for the capability statement
- CodeSystem: Intended jurisdiction for the code system
- ConceptMap: Intended jurisdiction for the concept map
- **GraphDefinition**: Intended jurisdiction for the graph definition
- **ImplementationGuide**: Intended jurisdiction for the implementation guide
- **NamingSystem**: Intended jurisdiction for the naming system
- **OperationDefinition**: Intended jurisdiction for the operation definition
- **SearchParameter**: Intended jurisdiction for the search parameter
- **StructureDefinition**: Intended jurisdiction for the structure definition
- **StructureMap**: Intended jurisdiction for the structure map
- **TerminologyCapabilities**: Intended jurisdiction for the terminology capabilities
- **ValueSet**: Intended jurisdiction for the value set

**description (optional)**

*Query Parameter —*

Multiple Resources:

- **CapabilityStatement**: The description of the capability statement
- **CodeSystem**: The description of the code system
- **CompartmentDefinition**: The description of the compartment definition
- **ConceptMap**: The description of the concept map
- **GraphDefinition**: The description of the graph definition
- **ImplementationGuide**: The description of the implementation guide
- **MessageDefinition**: The description of the message definition
- **NamingSystem**: The description of the naming system
- **OperationDefinition**: The description of the operation definition
- **SearchParameter**: The description of the search parameter
- **StructureDefinition**: The description of the structure definition
- **StructureMap**: The description of the structure map
- **TerminologyCapabilities**: The description of the terminology capabilities
- **ValueSet**: The description of the value set

**context-type (optional)**

*Query Parameter —*

Multiple Resources:

- **CapabilityStatement**: A type of use context assigned to the capability statement
- **CodeSystem**: A type of use context assigned to the code system
- **CompartmentDefinition**: A type of use context assigned to the compartment definition
- **ConceptMap**: A type of use context assigned to the concept map
- **GraphDefinition**: A type of use context assigned to the graph definition
- **ImplementationGuide**: A type of use context assigned to the implementation guide
- **MessageDefinition**: A type of use context assigned to the message definition
- **NamingSystem**: A type of use context assigned to the naming system
- **OperationDefinition**: A type of use context assigned to the operation definition
- **SearchParameter**: A type of use context assigned to the search parameter
- **StructureDefinition**: A type of use context assigned to the structure definition
- **StructureMap**: A type of use context assigned to the structure map
- **TerminologyCapabilities**: A type of use context assigned to the terminology capabilities
- **ValueSet**: A type of use context assigned to the value set

**language (optional)**

*Query Parameter — A language in which a designation is provided*

**title (optional)**

*Query Parameter —*

Multiple Resources:

- **CapabilityStatement**: The human-friendly name of the capability statement
- **CodeSystem**: The human-friendly name of the code system
- **ConceptMap**: The human-friendly name of the concept map
- **ImplementationGuide**: The human-friendly name of the implementation guide
- **MessageDefinition**: The human-friendly name of the message definition
- **OperationDefinition**: The human-friendly name of the operation definition
- **StructureDefinition**: The human-friendly name of the structure definition
- **StructureMap**: The human-friendly name of the structure map
- **TerminologyCapabilities**: The human-friendly name of the terminology capabilities
- **ValueSet**: The human-friendly name of the value set
context-quantity (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: A quantity- or range-valued use context assigned to the capability statement
- **CodeSystem**: A quantity- or range-valued use context assigned to the code system
- **CompartmentDefinition**: A quantity- or range-valued use context assigned to the compartment definition
- **ConceptMap**: A quantity- or range-valued use context assigned to the concept map
- **GraphDefinition**: A quantity- or range-valued use context assigned to the graph definition
- **ImplementationGuide**: A quantity- or range-valued use context assigned to the implementation guide
- **MessageDefinition**: A quantity- or range-valued use context assigned to the message definition
- **NamingSystem**: A quantity- or range-valued use context assigned to the naming system
- **OperationDefinition**: A quantity- or range-valued use context assigned to the operation definition
- **SearchParameter**: A quantity- or range-valued use context assigned to the search parameter
- **StructureDefinition**: A quantity- or range-valued use context assigned to the structure definition
- **StructureMap**: A quantity- or range-valued use context assigned to the structure map
- **TerminologyCapabilities**: A quantity- or range-valued use context assigned to the terminology capabilities
- **ValueSet**: A quantity- or range-valued use context assigned to the value set

customcontext (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: A use context assigned to the capability statement
- **CodeSystem**: A use context assigned to the code system
- **CompartmentDefinition**: A use context assigned to the compartment definition
- **ConceptMap**: A use context assigned to the concept map
- **GraphDefinition**: A use context assigned to the graph definition
- **ImplementationGuide**: A use context assigned to the implementation guide
- **MessageDefinition**: A use context assigned to the message definition
- **NamingSystem**: A use context assigned to the naming system
- **OperationDefinition**: A use context assigned to the operation definition
- **SearchParameter**: A use context assigned to the search parameter
- **StructureDefinition**: A use context assigned to the structure definition
- **StructureMap**: A use context assigned to the structure map
- **TerminologyCapabilities**: A use context assigned to the terminology capabilities
- **ValueSet**: A use context assigned to the value set

customcontext-type-quantity (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: A use context type and quantity- or range-based value assigned to the capability statement
- **CodeSystem**: A use context type and quantity- or range-based value assigned to the code system
- **CompartmentDefinition**: A use context type and quantity- or range-based value assigned to the compartment definition
- **ConceptMap**: A use context type and quantity- or range-based value assigned to the concept map
- **GraphDefinition**: A use context type and quantity- or range-based value assigned to the graph definition
- **ImplementationGuide**: A use context type and quantity- or range-based value assigned to the implementation guide
- **MessageDefinition**: A use context type and quantity- or range-based value assigned to the message definition
- **NamingSystem**: A use context type and quantity- or range-based value assigned to the naming system
- **OperationDefinition**: A use context type and quantity- or range-based value assigned to the operation definition
- **SearchParameter**: A use context type and quantity- or range-based value assigned to the search parameter
• **StructureDefinition**: A use context type and quantity- or range-based value assigned to the structure definition
• **StructureMap**: A use context type and quantity- or range-based value assigned to the structure map
• **TerminologyCapabilities**: A use context type and quantity- or range-based value assigned to the terminology capabilities
• **ValueSet**: A use context type and quantity- or range-based value assigned to the value set

**identifier (optional)**

*Query Parameter —*

Multiple Resources:

• **CodeSystem**: External identifier for the code system
• **ConceptMap**: External identifier for the concept map
• **MessageDefinition**: External identifier for the message definition
• **StructureDefinition**: External identifier for the structure definition
• **StructureMap**: External identifier for the structure map
• **ValueSet**: External identifier for the value set

**content-mode (optional)**

*Query Parameter — not-present | example | fragment | complete | supplement*

**_security (optional)**

*Query Parameter — Security Labels applied to this resource*

**version (optional)**

*Query Parameter —*

Multiple Resources:

• **CapabilityStatement**: The business version of the capability statement
• **CodeSystem**: The business version of the code system
• **CompartmentDefinition**: The business version of the compartment definition
• **ConceptMap**: The business version of the concept map
• **GraphDefinition**: The business version of the graph definition
• **ImplementationGuide**: The business version of the implementation guide
• **MessageDefinition**: The business version of the message definition
• **OperationDefinition**: The business version of the operation definition
• **SearchParameter**: The business version of the search parameter
• **StructureDefinition**: The business version of the structure definition
• **StructureMap**: The business version of the structure map
• **TerminologyCapabilities**: The business version of the terminology capabilities
• **ValueSet**: The business version of the value set

**url (optional)**

*Query Parameter —*

Multiple Resources:

• **CapabilityStatement**: The uri that identifies the capability statement
• **CodeSystem**: The uri that identifies the code system
• **CompartmentDefinition**: The uri that identifies the compartment definition
• **ConceptMap**: The uri that identifies the concept map
• **GraphDefinition**: The uri that identifies the graph definition
• **ImplementationGuide**: The uri that identifies the implementation guide
• **MessageDefinition**: The uri that identifies the message definition
• **OperationDefinition**: The uri that identifies the operation definition
• **SearchParameter**: The uri that identifies the search parameter
• **StructureDefinition**: The uri that identifies the structure definition
• **StructureMap**: The uri that identifies the structure map
• **TerminologyCapabilities**: The uri that identifies the terminology capabilities
• **ValueSet**: The uri that identifies the value set

**_filter (optional)**

*Query Parameter — Search the contents of the resource's data using a filter*

**supplements (optional)**

*Query Parameter — Find code system supplements for the referenced code system*
system (optional)
Query Parameter — The system for any codes defined by this code system (same as `url`)

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Computationally friendly name of the capability statement
- **CodeSystem**: Computationally friendly name of the code system
- **CompartmentDefinition**: Computationally friendly name of the compartment definition
- **ConceptMap**: Computationally friendly name of the concept map
- **GraphDefinition**: Computationally friendly name of the graph definition
- **ImplementationGuide**: Computationally friendly name of the implementation guide
- **MessageDefinition**: Computationally friendly name of the message definition
- **NamingSystem**: Computationally friendly name of the naming system
- **OperationDefinition**: Computationally friendly name of the operation definition
- **SearchParameter**: Computationally friendly name of the search parameter
- **StructureDefinition**: Computationally friendly name of the structure definition
- **StructureMap**: Computationally friendly name of the structure map
- **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
- **ValueSet**: Computationally friendly name of the value set

publisher (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Name of the publisher of the capability statement
- **CodeSystem**: Name of the publisher of the code system
- **CompartmentDefinition**: Name of the publisher of the compartment definition
- **ConceptMap**: Name of the publisher of the concept map
- **GraphDefinition**: Name of the publisher of the graph definition
- **ImplementationGuide**: Name of the publisher of the implementation guide
- **MessageDefinition**: Name of the publisher of the message definition
- **NamingSystem**: Name of the publisher of the naming system
- **OperationDefinition**: Name of the publisher of the operation definition
- **SearchParameter**: Name of the publisher of the search parameter
- **StructureDefinition**: Name of the publisher of the structure definition
- **StructureMap**: Name of the publisher of the structure map
- **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
- **ValueSet**: Name of the publisher of the value set

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
- **SearchParameter**: The current status of the search parameter
- **StructureDefinition**: The current status of the structure definition
- **StructureMap**: The current status of the structure map
- **TerminologyCapabilities**: The current status of the terminology capabilities
- **ValueSet**: The current status of the value set

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /CodeSystem/_history**

*type-history*: Fetch the resource change history for all resources of type CodeSystem ([codeSystemHistoryGet](#))

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**DELETE /CodeSystem/{id}**

*instance-delete*: Perform a logical delete on a resource instance ([codeSystemIdDelete](#))

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST /CodeSystem/{id}/$expunge

(pathSystemIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /CodeSystem/{id}

(pathSystemIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
instance-history: Fetch the resource change history for all resources of type CodeSystem (codeSystemIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CodeSystem/{id}/_history/{version_id}
vread-instance: Read CodeSystem instance with specific version (codeSystemIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null
version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CodeSystem/{id}/$meta-add
(metaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
POST /CodeSystem/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /CodeSystem/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null
Query parameters

return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /CodeSystem/{id}

instance-patch: Patch a resource instance of type CodeSystem by ID (codeSystemIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /CodeSystem/{id}

update-instance: Update an existing CodeSystem instance, or create using a client-assigned ID (codeSystemIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body **object** (optional)

Body Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**GET /CodeSystem/{id}/$validate-code**

(codeSystemIdValidateCodeGet)

**Path parameters**

- id (required)
  
  Path Parameter — The resource ID default: null

**Query parameters**

- url (optional)
  
  Query Parameter —

- version (optional)
  
  Query Parameter —

- code (optional)
  
  Query Parameter —

- display (optional)
  
  Query Parameter —

- coding (optional)
  
  Query Parameter —

- codeableConcept (optional)
  
  Query Parameter —

- result (required)
  
  Query Parameter —

- message (optional)
  
  Query Parameter —

- display (optional)
  
  Query Parameter —

- valueSetVersion (optional)
  
  Query Parameter —

- system (optional)
  
  Query Parameter —

- systemVersion (optional)
  
  Query Parameter —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CodeSystem/{id}/$validate
(codeSystemIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CodeSystem/$lookup
(codeSystemLookupGet)

Query parameters
code (optional)
Query Parameter —
system (optional)
Query Parameter —
coding (optional)
Query Parameter —
version (optional)
Query Parameter —
displayLanguage (optional)
Query Parameter —
property (optional)
Query Parameter —
name (required)
Query Parameter —
version (optional)
Query Parameter —
display (required)
Query Parameter —
abstract (required)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CodeSystem/$meta
(codeSystemMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
  return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CodeSystem
create-type: Create a new CodeSystem instance (codeSystemPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CodeSystem/$subsumes

(codeSystemSubsumesGet)

Query parameters

codeA (optional)
Query Parameter

codeB (optional)
Query Parameter

system (optional)
Query Parameter

codingA (optional)
Query Parameter

codingB (optional)
Query Parameter

version (optional)
Query Parameter

outcome (required)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CodeSystem/$upload-external-code-system

(codeSystemUploadExternalCodeSystemPost)

Consumes
This API call consumes the following media types via the Content-Type request header:
HAPI FHIR Server

- application/fhir+json

Request body

- body **object** (optional)

Body Parameter

- **object**

Return type

- Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

- 200
  - Success **Object**

GET /CodeSystem/$validate-code

(codeSystemValidateCodeGet)

Query parameters

- **url** (optional)
  - Query Parameter

- **version** (optional)
  - Query Parameter

- **code** (optional)
  - Query Parameter

- **display** (optional)
  - Query Parameter

- **coding** (optional)
  - Query Parameter

- **codeableConcept** (optional)
  - Query Parameter

- **result** (required)
  - Query Parameter

- **message** (optional)
  - Query Parameter

- **display** (optional)
  - Query Parameter

- **valueSetVersion** (optional)
  - Query Parameter

- **system** (optional)
  - Query Parameter

- **systemVersion** (optional)
  - Query Parameter

Return type

- Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
**GET /CodeSystem/$validate**

*(codeSystemValidateGet)*

**Query parameters**

- resource (optional)
  
  **Query Parameter** —

- mode (optional)
  
  **Query Parameter** —

- profile (optional)
  
  **Query Parameter** —

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**Communication**

**POST /Communication/$expunge**

*(communicationExpungePost)*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)
  
  **Body Parameter** —

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**
GET /Communication

search-type: Search for Communication instances (communicationGet)

This is a search type

Query parameters

subject (optional)
Query Parameter — Focus of message

_lastUpdated (optional)
Query Parameter — When the resource version last changed

part-of (optional)
Query Parameter — Part of this action

medium (optional)
Query Parameter — A channel of communication

based-on (optional)
Query Parameter — Request fulfilled by this communication

patient (optional)
Query Parameter — Focus of message

instantiates-uri (optional)
Query Parameter — Instantiates external protocol or definition

identifier (optional)
Query Parameter — Unique identifier

_security (optional)
Query Parameter — Security Labels applied to this resource

instantiates-canonical (optional)
Query Parameter — Instantiates FHIR protocol or definition

received (optional)
Query Parameter — When received

encounter (optional)
Query Parameter — Encounter created as part of

sent (optional)
Query Parameter — When sent

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

sender (optional)
Query Parameter — Message sender

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

recipient (optional)
Query Parameter — Message recipient

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)
Query Parameter — Message category

status (optional)
Query Parameter — preparation | in-progress | not-done | on-hold | stopped | completed | entered-in-error | unknown

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Communication/_history

type-history: Fetch the resource change history for all resources of type Communication (communicationHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Communication/{id}

instance-delete: Perform a logical delete on a resource instance (communicationIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Communication/{id}/$expunge

https://10.2.2.41/api-doc/
Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Communication/{id}
read-instance: Read Communication instance (communicationIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Communication/{id}/_history
instance-history: Fetch the resource change history for all resources of type Communication (communicationIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null
GET /Communication/{id}/_history/{version_id}

vread-instance: Read Communication instance with specific version (communicationIdHistoryVersionIdGet)

Path parameters
  id (required)
    Path Parameter — The resource ID default: null
  version_id (required)
    Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  * application/fhir+json
  * application/fhir+xml

Responses
200
Success Object

POST /Communication/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters
  id (required)
    Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

  * application/fhir+json

Request body
  body object (optional)

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Communication/{id}/$meta-delete

(communicationIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Communication/{id}$/meta

(communicationIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Communication/{id}
instance-patch: Patch a resource instance of type Communication by ID (communicationIdPatch)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /Communication/{id}
update-instance: Update an existing Communication instance, or create using a client-assigned ID (communicationIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Communication/{id}/$validate

Path parameters
id (required)

Path Parameter — The resource ID default: null

Query parameters
resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Communication/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)

Query Parameter —

Return type
Object
**POST /Communication**

create-type: Create a new Communication instance (communicationPost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body **object** (optional)

**Body Parameter** —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**GET /Communication/$validate**

(communicationValidateGet)

**Query parameters**

resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
CommunicationRequest

**POST /CommunicationRequest/$expunge**

(communicationRequestExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body **object** (optional)

**Body Parameter** —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**GET /CommunicationRequest**

search-type: Search for CommunicationRequest instances (communicationRequestGet)

This is a search type

**Query parameters**

- **authored (optional)**
  Query Parameter — When request transitioned to being actionable

- **subject (optional)**
  Query Parameter — Focus of message

- **_occurrence (optional)**
  Query Parameter — When scheduled

- **group-identifier (optional)**
  Query Parameter — Composite request this is part of

- **based-on (optional)**
  Query Parameter — Fulfills plan or proposal

- **patient (optional)**
  Query Parameter — Focus of message

- **requester (optional)**
  Query Parameter — Who/what is requesting service
identifier (optional)
Query Parameter — Unique identifier

replaces (optional)
Query Parameter — Request(s) replaced by this request

_security (optional)
Query Parameter — Security Labels applied to this resource

encounter (optional)
Query Parameter — Encounter created as part of

priority (optional)
Query Parameter — routine | urgent | asap | stat

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

sender (optional)
Query Parameter — Message sender

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

recipient (optional)
Query Parameter — Message recipient

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)
Query Parameter — Message category

status (optional)
Query Parameter — draft | active | on-hold | revoked | completed | entered-in-error | unknown

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CommunicationRequest/_history

type-history: Fetch the resource change history for all resources of type CommunicationRequest (communicationRequestHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /CommunicationRequest/{id}

instance-delete: Perform a logical delete on a resource instance (communicationRequestIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CommunicationRequest/{id}/$expunge

(communicationRequestIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /CommunicationRequest/{id}

read-instance: Read CommunicationRequest instance (communicationRequestIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CommunicationRequest/{id}/_history

instance-history: Fetch the resource change history for all resources of type CommunicationRequest (communicationRequestIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CommunicationRequest/{id}/_history/{version_id}

vread-instance: Read CommunicationRequest instance with specific version (communicationRequestIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
POST /CommunicationRequest/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CommunicationRequest/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /CommunicationRequest/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PATCH /CommunicationRequest/{id}

instance-patch: Patch a resource instance of type CommunicationRequest by ID (communicationRequestIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
PUT /CommunicationRequest/{id}

update-instance: Update an existing CommunicationRequest instance, or create using a client-assigned ID (communicationRequestIdPut)

Path parameters
- id (required)
  - Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
  - Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
Path Parameter — The resource ID default: null

Query parameters

- resource (optional)
  Query Parameter —

- mode (optional)
  Query Parameter —

- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CommunicationRequest/$meta
(communicationRequestMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CommunicationRequest
create-type: Create a new CommunicationRequest instance (communicationRequestPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
HAPI FHIR Server

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CommunicationRequest/$validate
(communicationRequestValidateGet)

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

CompartmentDefinition

POST /CompartmentDefinition/$expunge
(compartmentDefinitionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success [Object](#)

GET /CompartmentDefinition

search-type: Search for CompartmentDefinition instances ([compartmentDefinitionGet](#))

This is a search type

Query parameters

date (optional)
Query Parameter —

Multiple Resources:

- [CapabilityStatement](#): The capability statement publication date
- [CodeSystem](#): The code system publication date
- [CompartmentDefinition](#): The compartment definition publication date
- [ConceptMap](#): The concept map publication date
- [GraphDefinition](#): The graph definition publication date
- [ImplementationGuide](#): The implementation guide publication date
- [MessageDefinition](#): The message definition publication date
- [NamingSystem](#): The naming system publication date
- [OperationDefinition](#): The operation definition publication date
- [SearchParameter](#): The search parameter publication date
- [StructureDefinition](#): The structure definition publication date
- [StructureMap](#): The structure map publication date
- [TerminologyCapabilities](#): The terminology capabilities publication date
- [ValueSet](#): The value set publication date

code (optional)
Query Parameter — Patient | Encounter | RelatedPerson | Practitioner | Device

context-type-value (optional)
Query Parameter —

Multiple Resources:

- [CapabilityStatement](#): A use context type and value assigned to the capability statement
- [CodeSystem](#): A use context type and value assigned to the code system
- [CompartmentDefinition](#): A use context type and value assigned to the compartment definition
- [ConceptMap](#): A use context type and value assigned to the concept map
- [GraphDefinition](#): A use context type and value assigned to the graph definition
- [ImplementationGuide](#): A use context type and value assigned to the implementation guide
- [MessageDefinition](#): A use context type and value assigned to the message definition
- [NamingSystem](#): A use context type and value assigned to the naming system
- [OperationDefinition](#): A use context type and value assigned to the operation definition
- [SearchParameter](#): A use context type and value assigned to the search parameter
- [StructureDefinition](#): A use context type and value assigned to the structure definition
- [StructureMap](#): A use context type and value assigned to the structure map
- [TerminologyCapabilities](#): A use context type and value assigned to the terminology capabilities
- [ValueSet](#): A use context type and value assigned to the value set

resource (optional)
Query Parameter — Name of resource type

_lastUpdated (optional)
Query Parameter — When the resource version last changed
_security (optional)
Query Parameter — Security Labels applied to this resource

description (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The description of the capability statement
- **CodeSystem**: The description of the code system
- **CompartmentDefinition**: The description of the compartment definition
- **ConceptMap**: The description of the concept map
- **GraphDefinition**: The description of the graph definition
- **ImplementationGuide**: The description of the implementation guide
- **MessageDefinition**: The description of the message definition
- **NamingSystem**: The description of the naming system
- **OperationDefinition**: The description of the operation definition
- **SearchParameter**: The description of the search parameter
- **StructureDefinition**: The description of the structure definition
- **StructureMap**: The description of the structure map
- **TerminologyCapabilities**: The description of the terminology capabilities
- **ValueSet**: The description of the value set

context-type (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A type of use context assigned to the capability statement
- **CodeSystem**: A type of use context assigned to the code system
- **CompartmentDefinition**: A type of use context assigned to the compartment definition
- **ConceptMap**: A type of use context assigned to the concept map
- **GraphDefinition**: A type of use context assigned to the graph definition
- **ImplementationGuide**: A type of use context assigned to the implementation guide
- **MessageDefinition**: A type of use context assigned to the message definition
- **NamingSystem**: A type of use context assigned to the naming system
- **OperationDefinition**: A type of use context assigned to the operation definition
- **SearchParameter**: A type of use context assigned to the search parameter
- **StructureDefinition**: A type of use context assigned to the structure definition
- **StructureMap**: A type of use context assigned to the structure map
- **TerminologyCapabilities**: A type of use context assigned to the terminology capabilities
- **ValueSet**: A type of use context assigned to the value set

version (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The business version of the capability statement
- **CodeSystem**: The business version of the code system
- **CompartmentDefinition**: The business version of the compartment definition
- **ConceptMap**: The business version of the concept map
- **GraphDefinition**: The business version of the graph definition
- **ImplementationGuide**: The business version of the implementation guide
- **MessageDefinition**: The business version of the message definition
- **NamingSystem**: The business version of the naming system
- **OperationDefinition**: The business version of the operation definition
- **SearchParameter**: The business version of the search parameter
- **StructureDefinition**: The business version of the structure definition
- **StructureMap**: The business version of the structure map
- **TerminologyCapabilities**: The business version of the terminology capabilities
- **ValueSet**: The business version of the value set

url (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The uri that identifies the capability statement
<table>
<thead>
<tr>
<th>CodeSystem</th>
<th>The uri that identifies the code system</th>
</tr>
</thead>
<tbody>
<tr>
<td>CompartmentDefinition</td>
<td>The uri that identifies the compartment definition</td>
</tr>
<tr>
<td>ConceptMap</td>
<td>The uri that identifies the concept map</td>
</tr>
<tr>
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<td>The uri that identifies the graph definition</td>
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<td>The uri that identifies the structure map</td>
</tr>
<tr>
<td>TerminologyCapabilities</td>
<td>The uri that identifies the terminology capabilities</td>
</tr>
<tr>
<td>ValueSet</td>
<td>The uri that identifies the value set</td>
</tr>
</tbody>
</table>

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

category-quantity (optional)
Query Parameter —

Multiple Resources:

<table>
<thead>
<tr>
<th>CapabilityStatement</th>
<th>A quantity- or range-valued use context assigned to the capability statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>CodeSystem</td>
<td>A quantity- or range-valued use context assigned to the code system</td>
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<td>CompartmentDefinition</td>
<td>A quantity- or range-valued use context assigned to the compartment definition</td>
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<tr>
<td>ConceptMap</td>
<td>A quantity- or range-valued use context assigned to the concept map</td>
</tr>
<tr>
<td>GraphDefinition</td>
<td>A quantity- or range-valued use context assigned to the graph definition</td>
</tr>
<tr>
<td>ImplementationGuide</td>
<td>A quantity- or range-valued use context assigned to the implementation guide</td>
</tr>
<tr>
<td>MessageDefinition</td>
<td>A quantity- or range-valued use context assigned to the message definition</td>
</tr>
<tr>
<td>NamingSystem</td>
<td>A quantity- or range-valued use context assigned to the naming system</td>
</tr>
<tr>
<td>OperationDefinition</td>
<td>A quantity- or range-valued use context assigned to the operation definition</td>
</tr>
<tr>
<td>SearchParameter</td>
<td>A quantity- or range-valued use context assigned to the search parameter</td>
</tr>
<tr>
<td>StructureDefinition</td>
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<tr>
<td>TerminologyCapabilities</td>
<td>A quantity- or range-valued use context assigned to the terminology capabilities</td>
</tr>
<tr>
<td>ValueSet</td>
<td>A quantity- or range-valued use context assigned to the value set</td>
</tr>
</tbody>
</table>

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

context (optional)
Query Parameter —

Multiple Resources:

<table>
<thead>
<tr>
<th>CapabilityStatement</th>
<th>A use context assigned to the capability statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>CodeSystem</td>
<td>A use context assigned to the code system</td>
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<tr>
<td>CompartmentDefinition</td>
<td>A use context assigned to the compartment definition</td>
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<td>A use context assigned to the concept map</td>
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<tr>
<td>GraphDefinition</td>
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<tr>
<td>ImplementationGuide</td>
<td>A use context assigned to the implementation guide</td>
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<tr>
<td>MessageDefinition</td>
<td>A use context assigned to the message definition</td>
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<tr>
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<td>A use context assigned to the naming system</td>
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<tr>
<td>OperationDefinition</td>
<td>A use context assigned to the operation definition</td>
</tr>
<tr>
<td>SearchParameter</td>
<td>A use context assigned to the search parameter</td>
</tr>
<tr>
<td>StructureDefinition</td>
<td>A use context assigned to the structure definition</td>
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<tr>
<td>StructureMap</td>
<td>A use context assigned to the structure map</td>
</tr>
<tr>
<td>TerminologyCapabilities</td>
<td>A use context assigned to the terminology capabilities</td>
</tr>
<tr>
<td>ValueSet</td>
<td>A use context assigned to the value set</td>
</tr>
</tbody>
</table>

name (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Computationally friendly name of the capability statement
- **CodeSystem**: Computationally friendly name of the code system
- **CompartmentDefinition**: Computationally friendly name of the compartment definition
- **ConceptMap**: Computationally friendly name of the concept map
- **GraphDefinition**: Computationally friendly name of the graph definition
- **ImplementationGuide**: Computationally friendly name of the implementation guide
- **MessageDefinition**: Computationally friendly name of the message definition
- **NamingSystem**: Computationally friendly name of the naming system
- **OperationDefinition**: Computationally friendly name of the operation definition
- **SearchParameter**: Computationally friendly name of the search parameter
- **StructureDefinition**: Computationally friendly name of the structure definition
- **StructureMap**: Computationally friendly name of the structure map
- **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
- **ValueSet**: Computationally friendly name of the value set

publisher (optional)

Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Name of the publisher of the capability statement
- **CodeSystem**: Name of the publisher of the code system
- **CompartmentDefinition**: Name of the publisher of the compartment definition
- **ConceptMap**: Name of the publisher of the concept map
- **GraphDefinition**: Name of the publisher of the graph definition
- **ImplementationGuide**: Name of the publisher of the implementation guide
- **MessageDefinition**: Name of the publisher of the message definition
- **NamingSystem**: Name of the publisher of the naming system
- **OperationDefinition**: Name of the publisher of the operation definition
- **SearchParameter**: Name of the publisher of the search parameter
- **StructureDefinition**: Name of the publisher of the structure definition
- **StructureMap**: Name of the publisher of the structure map
- **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
- **ValueSet**: Name of the publisher of the value set

_source (optional)

Query Parameter — Identifies where the resource comes from

_id (optional)

Query Parameter — Logical id of this artifact

_text (optional)

Query Parameter — Search on the narrative of the resource

_context (optional)

Query Parameter — Search on the entire content of the resource

context-type-quantity (optional)

Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A use context type and quantity- or range-based value assigned to the capability statement
- **CodeSystem**: A use context type and quantity- or range-based value assigned to the code system
- **CompartmentDefinition**: A use context type and quantity- or range-based value assigned to the compartment definition
- **ConceptMap**: A use context type and quantity- or range-based value assigned to the concept map
- **GraphDefinition**: A use context type and quantity- or range-based value assigned to the graph definition
- **ImplementationGuide**: A use context type and quantity- or range-based value assigned to the implementation guide
- **MessageDefinition**: A use context type and quantity- or range-based value assigned to the message definition
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- **SearchParameter**: A use context type and quantity- or range-based value assigned to the search parameter
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- **StructureMap**: A use context type and quantity- or range-based value assigned to the structure map
- **TerminologyCapabilities**: A use context type and quantity- or range-based value assigned to the terminology capabilities
- **ValueSet**: A use context type and quantity- or range-based value assigned to the value set

**status (optional)**

*Query Parameter* –

**Multiple Resources:**

- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
- **SearchParameter**: The current status of the search parameter
- **StructureDefinition**: The current status of the structure definition
- **StructureMap**: The current status of the structure map
- **TerminologyCapabilities**: The current status of the terminology capabilities
- **ValueSet**: The current status of the value set

**Return type**

*Object*

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success *Object*

---

**GET /CompartmentDefinition/_history**

*type-history: Fetch the resource change history for all resources of type CompartmentDefinition (compartmentDefinitionHistoryGet)*

**Return type**

*Object*

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success *Object*
**DELETE /CompartmentDefinition/{id}**

instance-delete: Perform a logical delete on a resource instance (compartmentDefinitionIdDelete)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**POST /CompartmentDefinition/{id}/$expunge**

(compartmentDefinitionIdExpungePost)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body **object** (optional)

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /CompartmentDefinition/{id}**

read-instance: Read CompartmentDefinition instance (compartmentDefinitionIdGet)

**Path parameters**

- **id (required)**

---
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success [Object]

GET /CompartmentDefinition/{id}/_history

instance-history: Fetch the resource change history for all resources of type CompartmentDefinition (compartmentDefinitionIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success [Object]

GET /CompartmentDefinition/{id}/_history/{version_id}

vread-instance: Read CompartmentDefinition instance with specific version (compartmentDefinitionIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
POST /CompartmentDefinition/{id}/$meta-add

(compartmentDefinitionIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /CompartmentDefinition/{id}/$meta-delete

(compartmentDefinitionIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200**
Success **Object**

---

**GET /CompartmentDefinition/{id}/$meta**

(compartmentDefinitionIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

id (required)
*Path Parameter* — The resource ID default: null

**Query parameters**

return (optional)
*Query Parameter* —

**Return type**
Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200**
Success **Object**

---

**PATCH /CompartmentDefinition/{id}**

(instance-patch: Patch a resource instance of type CompartmentDefinition by ID (compartmentDefinitionIdPatch)

**Path parameters**

id (required)
*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body **object** (optional)
*Body Parameter* —

**Return type**
Object

**Produces**

---
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**PUT /CompartmentDefinition/{id}**

update-instance: Update an existing CompartmentDefinition instance, or create using a client-assigned ID (compartmentDefinitionIdPut)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

*body object* (optional)

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**GET /CompartmentDefinition/{id}/$validate**

(compartmentDefinitionIdValidateGet)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Query parameters**

resource (optional)

*Query Parameter* —

mode (optional)

*Query Parameter* —

profile (optional)

*Query Parameter* —
GET /CompartmentDefinition/$meta

(compartmentDefinitionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance.

Query parameters

- return (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /CompartmentDefinition

create-type: Create a new CompartmentDefinition instance (compartmentDefinitionPost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
GET /CompartmentDefinition/$validate
(compartmentDefinitionValidateGet)

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

Composition

POST /Composition/$expunge
(compositionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Composition

search-type: Search for Composition instances (compositionGet)

This is a search type

**Query parameters**

date (optional)

*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Date first version of the resource instance was recorded
- **CarePlan**: Time period plan covers
- **CareTeam**: Time period team covers
- **ClinicalImpression**: When the assessment was documented
- **Composition**: Composition editing time
- **Consent**: When this Consent was created or indexed
- **DiagnosticReport**: The clinically relevant time of the report
- **Encounter**: A date within the period the Encounter lasted
- **EpisodeOfCare**: The provided date search value falls within the episode of care's period
- **FamilyMemberHistory**: When history was recorded or last updated
- **Flag**: Time period when flag is active
- **Immunization**: Vaccination (non)-Administration Date
- **List**: When the list was prepared
- **Observation**: Obtained date/time. If the obtained element is a period, a date that falls in the period
- **Procedure**: When the procedure was performed
- **RiskAssessment**: When was assessment made?
- **SupplyRequest**: When the request was made

subject (optional)

*Query Parameter* — Who and/or what the composition is about

_lastUpdated (optional)

*Query Parameter* — When the resource version last changed

confidentiality (optional)

*Query Parameter* — As defined by affinity domain

section (optional)

*Query Parameter* — Classification of section (recommended)

type (optional)

*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: allergy | intolerance - Underlying mechanism (if known)
- **Composition**: Kind of composition (LOINC if possible)
- **DocumentManifest**: Kind of document set
- **DocumentReference**: Kind of document (LOINC if possible)
- **Encounter**: Specific type of encounter
- **EpisodeOfCare**: Type/class - e.g. specialist referral, disease management

title (optional)

*Query Parameter* — Human Readable name/title

patient (optional)

*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**context (optional)**

*Query Parameter* — Code(s) that apply to the event being documented

**identifier (optional)**

*Query Parameter* —

**Multiple Resources**:  
- **AllergyIntolerance**: External ids for this item  
- **CarePlan**: External Ids for this plan  
- **CareTeam**: External Ids for this team  
- **Composition**: Version-independent identifier for the Composition  
- **Condition**: A unique identifier of the condition record  
- **Consent**: Identifier for this record (external references)  
- **DetectedIssue**: Unique id for the detected issue  
- **DeviceRequest**: Business identifier for request/order  
- **DiagnosticReport**: An identifier for the report  
- **DocumentManifest**: Unique Identifier for the set of documents  
- **DocumentReference**: Master Version Specific Identifier  
- **Encounter**: Identifier(s) by which this encounter is known  
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare  
- **FamilyMemberHistory**: A search by a record identifier  
- **Goal**: External Ids for this goal  
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number  
- **Immunization**: Business identifier  
- **List**: Business identifier  
- **MedicationAdministration**: Return administrations with this external identifier  
- **MedicationDispense**: Returns dispenses with this external identifier  
- **MedicationRequest**: Return prescriptions with this external identifier  
- **MedicationStatement**: Return statements with this external identifier  
- **NutritionOrder**: Return nutrition orders with this external identifier  
- **Observation**: The unique id for a particular observation  
- **Procedure**: A unique identifier for a procedure  
- **RiskAssessment**: Unique identifier for the assessment  
- **ServiceRequest**: Identifiers assigned to this order  
- **SupplyDelivery**: External identifier  
- **SupplyRequest**: Business Identifier for SupplyRequest  
- **VisionPrescription**: Return prescriptions with this external identifier

**period (optional)**

*Query Parameter* — The period covered by the documentation
related-id (optional)
Query Parameter — Target of the relationship

author (optional)
Query Parameter — Who and/or what authored the composition

_security (optional)
Query Parameter — Security Labels applied to this resource

encounter (optional)
Query Parameter —

Multiple Resources:
- Composition: Context of the Composition
- DeviceRequest: Encounter during which request was created
- DiagnosticReport: The Encounter when the order was made
- DocumentReference: Context of the document content
- Flag: Alert relevant during encounter
- List: Context in which list created
- NutritionOrder: Return nutrition orders with this encounter identifier
- Observation: Encounter related to the observation
- Procedure: Encounter created as part of
- RiskAssessment: Where was assessment performed?
- ServiceRequest: An encounter in which this request is made
- VisionPrescription: Return prescriptions with this encounter identifier

attester (optional)
Query Parameter — Who attested the composition

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

entry (optional)
Query Parameter — A reference to data that supports this section

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

related-ref (optional)
Query Parameter — Target of the relationship

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)
Query Parameter — Categorization of Composition

status (optional)
Query Parameter — preliminary | final | amended | entered-in-error

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /Composition/_history

type-history: Fetch the resource change history for all resources of type Composition (compositionHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Composition/{id}

instance-delete: Perform a logical delete on a resource instance (compositionIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Composition/{id}/$document

(compositionIdDocumentGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

_count (optional)
Query Parameter — Results from this method are returned across multiple pages. This parameter controls the size of those pages.
**POST /Composition/{id}/$expunge**

**(compositionIdExpungePost)**

**Path parameters**

*id (required)*

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

*body object (optional)*

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success *Object*

---

**GET /Composition/{id}**

**(compositionIdGet)**

**Path parameters**

*id (required)*

*Path Parameter* — The resource ID default: null

---

**_offset (optional)**

*Query Parameter* — Results from this method are returned across multiple pages. This parameter controls the offset when fetching a page.

**_lastUpdated (optional)**

*Query Parameter* — Only return resources which were last updated as specified by the given range
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Composition/{id}/_history
instance-history: Fetch the resource change history for all resources of type Composition (compositionIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Composition/{id}/_history/{version_id}
vread-instance: Read Composition instance with specific version (compositionIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /Composition/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Composition/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /Composition/{id}/$meta

(compositionIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Composition/{id}

(instance-patch: Patch a resource instance of type Composition by ID (compositionIdPatch))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
PUT /Composition/{id}

update-instance: Update an existing Composition instance, or create using a client-assigned ID (compositionIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Composition/{id}/$validate
(compositionIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml
Responses
200
Success Object

GET /Composition/$meta

(compositionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
  return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Composition

create-type: Create a new Composition instance (compositionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
  body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Composition/$validate
Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

ConceptMap

POST /ConceptMap/$expunge
(conceptMapExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ConceptMap
(search-type: Search for ConceptMap instances (conceptMapGet))

This is a search type

Query parameters
**Multiple Resources:**

- **CapabilityStatement**: The capability statement publication date
- **CodeSystem**: The code system publication date
- **CompartmentDefinition**: The compartment definition publication date
- **ConceptMap**: The concept map publication date
- **GraphDefinition**: The graph definition publication date
- **ImplementationGuide**: The implementation guide publication date
- **MessageDefinition**: The message definition publication date
- **NamingSystem**: The naming system publication date
- **OperationDefinition**: The operation definition publication date
- **SearchParameter**: The search parameter publication date
- **StructureDefinition**: The structure definition publication date
- **StructureMap**: The structure map publication date
- **TerminologyCapabilities**: The terminology capabilities publication date
- **ValueSet**: The value set publication date

**other (optional)**

**Query Parameter** — canonical reference to an additional ConceptMap to use for mapping if the source concept is unmapped

**context-type-value (optional)**

**Query Parameter** —

**Multiple Resources:**

- **CapabilityStatement**: A use context type and value assigned to the capability statement
- **CodeSystem**: A use context type and value assigned to the code system
- **CompartmentDefinition**: A use context type and value assigned to the compartment definition
- **ConceptMap**: A use context type and value assigned to the concept map
- **GraphDefinition**: A use context type and value assigned to the graph definition
- **ImplementationGuide**: A use context type and value assigned to the implementation guide
- **MessageDefinition**: A use context type and value assigned to the message definition
- **NamingSystem**: A use context type and value assigned to the naming system
- **OperationDefinition**: A use context type and value assigned to the operation definition
- **SearchParameter**: A use context type and value assigned to the search parameter
- **StructureDefinition**: A use context type and value assigned to the structure definition
- **StructureMap**: A use context type and value assigned to the structure map
- **TerminologyCapabilities**: A use context type and value assigned to the terminology capabilities
- **ValueSet**: A use context type and value assigned to the value set

**dependson (optional)**

**Query Parameter** — Reference to property mapping depends on

**target-system (optional)**

**Query Parameter** — Target system that the concepts are to be mapped to

**_lastUpdated (optional)**

**Query Parameter** — When the resource version last changed

**jurisdiction (optional)**

**Query Parameter** —

**Multiple Resources:**

- **CapabilityStatement**: Intended jurisdiction for the capability statement
- **CodeSystem**: Intended jurisdiction for the code system
- **ConceptMap**: Intended jurisdiction for the concept map
- **GraphDefinition**: Intended jurisdiction for the graph definition
- **ImplementationGuide**: Intended jurisdiction for the implementation guide
- **MessageDefinition**: Intended jurisdiction for the message definition
- **NamingSystem**: Intended jurisdiction for the naming system
- **OperationDefinition**: Intended jurisdiction for the operation definition
- **SearchParameter**: Intended jurisdiction for the search parameter
- **StructureDefinition**: Intended jurisdiction for the structure definition
- **StructureMap**: Intended jurisdiction for the structure map
TerminologyCapabilities: Intended jurisdiction for the terminology capabilities
ValueSet: Intended jurisdiction for the value set

**description (optional)**

*Query Parameter —*

**context-type (optional)**

*Query Parameter —*

**source (optional)**

*Query Parameter — The source value set that contains the concepts that are being mapped*

**title (optional)**

*Query Parameter —*

**context-quantity (optional)**

*Query Parameter —*
- **CodeSystem**: A quantity- or range-valued use context assigned to the code system
- **CompartmentDefinition**: A quantity- or range-valued use context assigned to the compartment definition
- **ConceptMap**: A quantity- or range-valued use context assigned to the concept map
- **GraphDefinition**: A quantity- or range-valued use context assigned to the graph definition
- **ImplementationGuide**: A quantity- or range-valued use context assigned to the implementation guide
- **MessageDefinition**: A quantity- or range-valued use context assigned to the message definition
- **NamingSystem**: A quantity- or range-valued use context assigned to the naming system
- **OperationDefinition**: A quantity- or range-valued use context assigned to the operation definition
- **SearchParameter**: A quantity- or range-valued use context assigned to the search parameter
- **StructureDefinition**: A quantity- or range-valued use context assigned to the structure definition
- **StructureMap**: A quantity- or range-valued use context assigned to the structure map
- **TerminologyCapabilities**: A quantity- or range-valued use context assigned to the terminology capabilities
- **ValueSet**: A quantity- or range-valued use context assigned to the value set

**source-uri (optional)**

*Query Parameter* — The source value set that contains the concepts that are being mapped

**context (optional)**

*Query Parameter* —

**Multiple Resources:**

- **CapabilityStatement**: A use context assigned to the capability statement
- **CodeSystem**: A use context assigned to the code system
- **CompartmentDefinition**: A use context assigned to the compartment definition
- **ConceptMap**: A use context assigned to the concept map
- **GraphDefinition**: A use context assigned to the graph definition
- **ImplementationGuide**: A use context assigned to the implementation guide
- **MessageDefinition**: A use context assigned to the message definition
- **NamingSystem**: A use context assigned to the naming system
- **OperationDefinition**: A use context assigned to the operation definition
- **SearchParameter**: A use context assigned to the search parameter
- **StructureDefinition**: A use context assigned to the structure definition
- **StructureMap**: A use context assigned to the structure map
- **TerminologyCapabilities**: A use context assigned to the terminology capabilities
- **ValueSet**: A use context assigned to the value set

**context-type-quantity (optional)**

*Query Parameter* —

**Multiple Resources:**

- **CapabilityStatement**: A use context type and quantity- or range-based value assigned to the capability statement
- **CodeSystem**: A use context type and quantity- or range-based value assigned to the code system
- **CompartmentDefinition**: A use context type and quantity- or range-based value assigned to the compartment definition
- **ConceptMap**: A use context type and quantity- or range-based value assigned to the concept map
- **GraphDefinition**: A use context type and quantity- or range-based value assigned to the graph definition
- **ImplementationGuide**: A use context type and quantity- or range-based value assigned to the implementation guide
- **MessageDefinition**: A use context type and quantity- or range-based value assigned to the message definition
- **NamingSystem**: A use context type and quantity- or range-based value assigned to the naming system
- **OperationDefinition**: A use context type and quantity- or range-based value assigned to the operation definition
- **SearchParameter**: A use context type and quantity- or range-based value assigned to the search parameter
- **StructureDefinition**: A use context type and quantity- or range-based value assigned to the structure definition
- **StructureMap**: A use context type and quantity- or range-based value assigned to the structure map
- **TerminologyCapabilities**: A use context type and quantity- or range-based value assigned to the terminology capabilities
- **ValueSet**: A use context type and quantity- or range-based value assigned to the value set

**source-system (optional)**
*Query Parameter* — Source system where concepts to be mapped are defined

**target-code (optional)**
*Query Parameter* — Code that identifies the target element

**target-uri (optional)**
*Query Parameter* — The target value set which provides context for the mappings

**identifier (optional)**
*Query Parameter* —

Multiple Resources:

- **CodeSystem**: External identifier for the code system
- **ConceptMap**: External identifier for the concept map
- **MessageDefinition**: External identifier for the message definition
- **StructureDefinition**: External identifier for the structure definition
- **StructureMap**: External identifier for the structure map
- **ValueSet**: External identifier for the value set

**product (optional)**
*Query Parameter* — Reference to property mapping depends on

**_security (optional)**
*Query Parameter* — Security Labels applied to this resource

**version (optional)**
*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: The business version of the capability statement
- **CodeSystem**: The business version of the code system
- **CompartmentDefinition**: The business version of the compartment definition
- **ConceptMap**: The business version of the concept map
- **GraphDefinition**: The business version of the graph definition
- **ImplementationGuide**: The business version of the implementation guide
- **MessageDefinition**: The business version of the message definition
- **OperationDefinition**: The business version of the operation definition
- **SearchParameter**: The business version of the search parameter
- **StructureDefinition**: The business version of the structure definition
- **StructureMap**: The business version of the structure map
- **TerminologyCapabilities**: The business version of the terminology capabilities
- **ValueSet**: The business version of the value set

**url (optional)**
*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: The uri that identifies the capability statement
- **CodeSystem**: The uri that identifies the code system
- **CompartmentDefinition**: The uri that identifies the compartment definition
- **ConceptMap**: The uri that identifies the concept map
- **GraphDefinition**: The uri that identifies the graph definition
- **ImplementationGuide**: The uri that identifies the implementation guide
- **MessageDefinition**: The uri that identifies the message definition
- **OperationDefinition**: The uri that identifies the operation definition
- **SearchParameter**: The uri that identifies the search parameter
- **StructureDefinition**: The uri that identifies the structure definition
- **StructureMap**: The uri that identifies the structure map
- **TerminologyCapabilities**: The uri that identifies the terminology capabilities
- **ValueSet**: The uri that identifies the value set

**target (optional)**
*Query Parameter* — The target value set which provides context for the mappings

**_filter (optional)**
Query Parameter — Search the contents of the resource's data using a filter

source-code (optional)
Query Parameter — Identifies element being mapped

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Computationally friendly name of the capability statement
- **CodeSystem**: Computationally friendly name of the code system
- **CompartmentDefinition**: Computationally friendly name of the compartment definition
- **ConceptMap**: Computationally friendly name of the concept map
- **GraphDefinition**: Computationally friendly name of the graph definition
- **ImplementationGuide**: Computationally friendly name of the implementation guide
- **MessageDefinition**: Computationally friendly name of the message definition
- **NamingSystem**: Computationally friendly name of the naming system
- **OperationDefinition**: Computationally friendly name of the operation definition
- **SearchParameter**: Computationally friendly name of the search parameter
- **StructureDefinition**: Computationally friendly name of the structure definition
- **StructureMap**: Computationally friendly name of the structure map
- **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
- **ValueSet**: Computationally friendly name of the value set

publisher (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Name of the publisher of the capability statement
- **CodeSystem**: Name of the publisher of the code system
- **CompartmentDefinition**: Name of the publisher of the compartment definition
- **ConceptMap**: Name of the publisher of the concept map
- **GraphDefinition**: Name of the publisher of the graph definition
- **ImplementationGuide**: Name of the publisher of the implementation guide
- **MessageDefinition**: Name of the publisher of the message definition
- **NamingSystem**: Name of the publisher of the naming system
- **OperationDefinition**: Name of the publisher of the operation definition
- **SearchParameter**: Name of the publisher of the search parameter
- **StructureDefinition**: Name of the publisher of the structure definition
- **StructureMap**: Name of the publisher of the structure map
- **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
- **ValueSet**: Name of the publisher of the value set

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
- **SearchParameter**: The current status of the search parameter
- **StructureDefinition**: The current status of the structure definition
- **StructureMap**: The current status of the structure map
- **TerminologyCapabilities**: The current status of the terminology capabilities
- **ValueSet**: The current status of the value set

### Return type
Object

### Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses
200 Success **Object**

### GET /ConceptMap/_history

- **type-history**: Fetch the resource change history for all resources of type ConceptMap (conceptMapHistoryGet)

### Return type
Object

### Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses
200 Success **Object**

### DELETE /ConceptMap/{id}

- **instance-delete**: Perform a logical delete on a resource instance (conceptMapIdDelete)

### Path parameters
- **id** (required)
  - *Path Parameter* – The resource ID default: null

### Return type
Object

### Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
**POST /ConceptMap/{id}/$expunge**

(\texttt{conceptMapIdExpungePost})

**Path parameters**

- \textit{id} (required)
  
  \textit{Path Parameter} — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- \textit{body object} (optional)
  
  \textit{Body Parameter} —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success \texttt{Object}

---

**GET /ConceptMap/{id}**

\textit{read-instance}: Read ConceptMap instance (\texttt{conceptMapIdGet})

**Path parameters**

- \textit{id} (required)
  
  \textit{Path Parameter} — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success \texttt{Object}

---

**GET /ConceptMap/{id}/_history**
instance-history: Fetch the resource change history for all resources of type ConceptMap (conceptMapIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ConceptMap/{id}/_history/{version_id}

vread-instance: Read ConceptMap instance with specific version (conceptMapIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ConceptMap/{id}/$meta-add

(conceptMapIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
POST /ConceptMap/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ConceptMap/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null
Query parameters

- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

- 200 Success Object

PATCH /ConceptMap/{id}

instance-patch: Patch a resource instance of type ConceptMap by ID (conceptMapIdPatch)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

- 200 Success Object

PUT /ConceptMap/{id}

update-instance: Update an existing ConceptMap instance, or create using a client-assigned ID (conceptMapIdPut)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

**body object** (optional)

**Body Parameter** —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

```
GET /ConceptMap/{id}/$translate
```

(ConceptMapIdTranslateGet)

**Path parameters**

- **id** (required)
  
  **Path Parameter** — The resource ID default: null

**Query parameters**

- **url** (optional)
  
  **Query Parameter** —

- **conceptMapVersion** (optional)
  
  **Query Parameter** —

- **code** (optional)
  
  **Query Parameter** —

- **system** (optional)
  
  **Query Parameter** —

- **version** (optional)
  
  **Query Parameter** —

- **source** (optional)
  
  **Query Parameter** —

- **coding** (optional)
  
  **Query Parameter** —

- **codeableConcept** (optional)
  
  **Query Parameter** —

- **target** (optional)
  
  **Query Parameter** —

- **targetsysteem** (optional)
  
  **Query Parameter** —

- **reverse** (optional)
  
  **Query Parameter** —

- **result** (required)
  
  **Query Parameter** —
GET /ConceptMap/{id}/$validate (conceptMapIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ConceptMap/$meta (conceptMapMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**POST /ConceptMap**

create-type: Create a new ConceptMap instance (conceptMapPost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

**body object** (optional)

**Body Parameter**

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /ConceptMap/$translate**

(conceptMapTranslateGet)

**Query parameters**

- **url** (optional)
  **Query Parameter** —

- **conceptMapVersion** (optional)
  **Query Parameter** —

- **code** (optional)
  **Query Parameter** —

- **system** (optional)
  **Query Parameter** —

- **version** (optional)
  **Query Parameter** —

- **source** (optional)
  **Query Parameter** —

- **coding** (optional)
Query Parameter —

codeableConcept (optional)

Query Parameter —

target (optional)

Query Parameter —

targetsystem (optional)

Query Parameter —

reverse (optional)

Query Parameter —

result (required)

Query Parameter —

message (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /ConceptMap/$validate

(conceptMapValidateGet)

Query parameters

resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

Condition

POST /Condition/$expunge

https://10.2.2.41/api-doc/
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Condition
search-type: Search for Condition instances (conditionGet)

This is a search type

Query parameters
onset-info (optional)
Query Parameter — Onsets as a string
code (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: Code that identifies the allergy or intolerance
- Condition: Code for the condition
- DeviceRequest: Code for what is being requested/ordered
- DiagnosticReport: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- FamilyMemberHistory: A search by a condition code
- List: What the purpose of this list is
- Medication: Returns medications for a specific code
- MedicationAdministration: Return administrations of this medication code
- MedicationDispense: Returns dispenses of this medicine code
- MedicationRequest: Return prescriptions of this medication code
- MedicationStatement: Return statements of this medication code
- Observation: The code of the observation type
- Procedure: A code to identify a procedure
- ServiceRequest: What is being requested/ordered
evidence (optional)
Query Parameter — Manifestation/symptom

subject (optional)
Query Parameter — Who has the condition?

_lastUpdated (optional)
Query Parameter — When the resource version last changed

verification-status (optional)
clinical-status (optional)
Query Parameter — The clinical status of the condition

onset-date (optional)
Query Parameter — Date related onsets (dateTime and Period)

abatement-date (optional)
Query Parameter — Date-related abatements (dateTime and period)

patient (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: Who the sensitivity is for
- CarePlan: Who the care plan is for
- CareTeam: Who care team is for
- ClinicalImpression: Patient or group assessed
- Composition: Who and/or what the composition is about
- Condition: Who has the condition?
- Consent: Who the consent applies to
- DetectedIssue: Associated patient
- DeviceRequest: Individual the service is ordered for
- DeviceUseStatement: Search by subject - a patient
- DiagnosticReport: The subject of the report if a patient
- DocumentManifest: The subject of the set of documents
- DocumentReference: Who/what is the subject of the document
- Encounter: The patient or group present at the encounter
- EpisodeOfCare: The patient who is the focus of this episode of care
- FamilyMemberHistory: The identity of a subject to list family member history items for
- Flag: The identity of a subject to list flags for
- Goal: Who this goal is intended for
- ImagingStudy: Who the study is about
- Immunization: The patient for the vaccination record
- List: If all resources have the same subject
- MedicationAdministration: The identity of a patient to list administrations for
- MedicationDispense: The identity of a patient to list dispenses for
- MedicationRequest: Returns prescriptions for a specific patient
- MedicationStatement: Returns statements for a specific patient.
- NutritionOrder: The identity of the person who requires the diet, formula or nutritional supplement
- Observation: The subject that the observation is about (if patient)
- Procedure: Search by subject - a patient
- RiskAssessment: Who/what does assessment apply to?
- ServiceRequest: Search by subject - a patient
- SupplyDelivery: Patient for whom the item is supplied
- VisionPrescription: The identity of a patient to list dispenses for

abatement-age (optional)
Query Parameter — Abatement as age or age range

evidence-detail (optional)
Query Parameter — Supporting information found elsewhere

severity (optional)
Query Parameter — The severity of the condition

identifier (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: External ids for this item
- CarePlan: External Ids for this plan
- CareTeam: External Ids for this team
- Composition: Version-independent identifier for the Composition
- Condition: A unique identifier of the condition record
- Consent: Identifier for this record (external references)
- DetectedIssue: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**recorded-date (optional)**

*Query Parameter* — Date record was first recorded

**_security (optional)**

*Query Parameter* — Security Labels applied to this resource

**encounter (optional)**

*Query Parameter* — Encounter created as part of

**_filter (optional)**

*Query Parameter* — Search the contents of the resource's data using a filter

**asserter (optional)**

*Query Parameter* — Person who asserts this condition

**_profile (optional)**

*Query Parameter* — Profiles this resource claims to conform to

**stage (optional)**

*Query Parameter* — Simple summary (disease specific)

**abatement-string (optional)**

*Query Parameter* — Abatement as a string

**_tag (optional)**

*Query Parameter* — Tags applied to this resource

**_has (optional)**

*Query Parameter* — Return resources linked to by the given target

**onset-age (optional)**

*Query Parameter* — Onsets as age or age range

**_source (optional)**

*Query Parameter* — Identifies where the resource comes from

**_id (optional)**

*Query Parameter* — Logical id of this artifact

**_text (optional)**

*Query Parameter* — Search on the narrative of the resource

**_content (optional)**

*Query Parameter* — Search on the entire content of the resource

**body-site (optional)**

*Query Parameter* — Anatomical location, if relevant

**category (optional)**

*Query Parameter* — The category of the condition
### GET /Condition/_history

**Type-history:** Fetch the resource change history for all resources of type Condition (`conditionHistoryGet`)

**Return type**
Object

**Produce**s
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

### DELETE /Condition/{id}

**Instance-delete:** Perform a logical delete on a resource instance (`conditionIdDelete`)

**Path parameters**
- id (required)
  
**Path Parameter** — The resource ID default: null

**Return type**
Object

**Produce**s
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

### POST /Condition/{id}/$expunge

(`conditionIdExpungePost`)

**Path parameters**
- id (required)
**Path Parameter** — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

**body object** (optional)

**Body Parameter** —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /Condition/{id}**

read-instance: Read Condition instance (**conditionIdGet**)

**Path parameters**

id (required)

**Path Parameter** — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /Condition/{id}/_history**

instance-history: Fetch the resource change history for all resources of type Condition (**conditionIdHistoryGet**)

**Path parameters**

id (required)

**Path Parameter** — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /Condition/{id}/_history/{version_id}**

vread-instance: Read Condition instance with specific version (**conditionIdHistoryVersionIdGet**)

Path parameters

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

- **version_id** (required)
  
  *Path Parameter* — The resource version ID default: null

Return type

**Object**

Produce
eThis API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

**POST /Condition/{id}$/meta-add**

(conditionIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body object** (optional)
  
  *Body Parameter* —

Return type

**Object**

Produce
eThis API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /Condition/{id}/$meta-delete

(conditionIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Condition/{id}/$meta

(conditionIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
PATCH /Condition/{id}

instance-patch: Patch a resource instance of type Condition by ID (conditionIdPatch)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

PUT /Condition/{id}

update-instance: Update an existing Condition instance, or create using a client-assigned ID (conditionIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

GET /Condition/{id}/$validate

(conditionIdValidateGet)

**Path parameters**

- id (required)
  Path Parameter — The resource ID default: null

**Query parameters**

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

GET /Condition/$meta

(conditionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- return (optional)
  Query Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**
POST /Condition

create-type: Create a new Condition instance (conditionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Condition/$validate

(conditionValidateGet)

Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
Consent

POST /Consent/$expunge

(consentExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Consent

search-type: Search for Consent instances (consentGet)

This is a search type

Query parameters

date (optional)
Query Parameter — —

Multiple Resources:

- AllergyIntolerance: Date first version of the resource instance was recorded
- CarePlan: Time period plan covers
- CareTeam: Time period team covers
- ClinicalImpression: When the assessment was documented
- Composition: Composition editing time
- Consent: When this Consent was created or indexed
- DiagnosticReport: The clinically relevant time of the report
- Encounter: A date within the period the Encounter lasted
- EpisodeOfCare: The provided date search value falls within the episode of care's period
- FamilyMemberHistory: When history was recorded or last updated
- Flag: Time period when flag is active
- Immunization: Vaccination (non)-Administration Date
- List: When the list was prepared
- Observation: Obtained date/time. If the obtained element is a period, a date that falls in the period
- Procedure: When the procedure was performed
- RiskAssessment: When was assessment made?
- SupplyRequest: When the request was made

data (optional)
Query Parameter — The actual data reference
purpose (optional)
Query Parameter — Context of activities covered by this rule

_lastUpdated (optional)
Query Parameter — When the resource version last changed

source-reference (optional)
Query Parameter — Search by reference to a Consent, DocumentReference, Contract or QuestionnaireResponse

patient (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

scope (optional)
Query Parameter — Which of the four areas this resource covers (extensible)

action (optional)
Query Parameter — Actions controlled by this rule

identifier (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External ids for this plan
- **CareTeam**: External ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business Identifier
- **List**: Business Identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**period (optional)**

*Query Parameter* — Timeframe for this rule

**_security (optional)**

*Query Parameter* — Security Labels applied to this resource

**_filter (optional)**

*Query Parameter* — Search the contents of the resource's data using a filter

**actor (optional)**

*Query Parameter* — Resource for the actor (or group, by role)

**security-label (optional)**

*Query Parameter* — Security Labels that define affected resources

**_profile (optional)**

*Query Parameter* — Profiles this resource claims to conform to

**_tag (optional)**

*Query Parameter* — Tags applied to this resource

**organization (optional)**

*Query Parameter* — Custodian of the consent

**_has (optional)**

*Query Parameter* — Return resources linked to by the given target

**_source (optional)**

*Query Parameter* — Identifies where the resource comes from

**consentor (optional)**

*Query Parameter* — Who is agreeing to the policy and rules

**_id (optional)**

*Query Parameter* — Logical id of this artifact

**_text (optional)**

*Query Parameter* — Search on the narrative of the resource

**_content (optional)**

*Query Parameter* — Search on the entire content of the resource

**category (optional)**

*Query Parameter* — Classification of the consent statement - for indexing/retrieval

**status (optional)**

*Query Parameter* — draft | proposed | active | rejected | inactive | entered-in-error

**Return type**

Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Consent/_history

type-history: Fetch the resource change history for all resources of type Consent (consentHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Consent/{id}

instance-delete: Perform a logical delete on a resource instance (consentIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Consent/{id}/$expunge

(consentIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
GET /Consent/{id}

read-instance: Read Consent instance (consentIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Consent/{id}/_history

instance-history: Fetch the resource change history for all resources of type Consent (consentIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
GET /Consent/{id}/_history/{version_id}

`vread-instance`: Read Consent instance with specific version (`consentIdHistoryVersionIdGet`)

Path parameters

- id (required)
  - *Path Parameter* — The resource ID default: null

- version_id (required)
  - *Path Parameter* — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header:

- application/fhir+json
- application/fhir+xml

Responses

200

Success *Object*

POST /Consent/{id}/$meta-add

`consentIdMetaAddPost`

Add tags, profiles, and/or security labels to a resource

Path parameters

- id (required)
  - *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json

Request body

- body *object* (optional)
  - *Body Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header:

- application/fhir+json
- application/fhir+xml

Responses

200

Success *Object*
POST /Consent/{id}/$meta-delete

(consentIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Consent/{id}/$meta

(consentIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
PATCH /Consent/{id}

instance-patch: Patch a resource instance of type Consent by ID (consentIdPatch)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /Consent/{id}

update-instance: Update an existing Consent instance, or create using a client-assigned ID (consentIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /Consent/{id}/$validate

(consentIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Consent/$meta

(consentMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /Consent
create-type: Create a new Consent instance (consentPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

  body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Consent/$validate
(consentValidateGet)

Query parameters

  resource (optional)
  Query Parameter —

  mode (optional)
  Query Parameter —

  profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

Contract

POST /Contract/$expunge
(contractExpungePost)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Contract

search-type: Search for Contract instances (contractGet)

This is a search type

Query parameters

identifier (optional)
Query Parameter — The identity of the contract

instantiates (optional)
Query Parameter — A source definition of the contract

subject (optional)
Query Parameter — The identity of the subject of the contract

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

url (optional)
Query Parameter — The basal contract definition

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter — The identity of the subject of the contract (if a patient)

_tag (optional)
Query Parameter — Tags applied to this resource

authority (optional)
Query Parameter — The authority of the contract

domain (optional)
Query Parameter — The domain of the contract

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

issued (optional)
Query Parameter — The date/time the contract was issued

signer (optional)
Query Parameter — Contract Signatory Party

status (optional)
Query Parameter — The status of the contract

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Contract/_history

type-history: Fetch the resource change history for all resources of type Contract (contractHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Contract/{id}

instance-delete: Perform a logical delete on a resource instance (contractIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**POST /Contract/{id}/$expunge**

*(contractIdExpungePost)*

**Path parameters**

- id *(required)*
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body *object* *(optional)*

  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**GET /Contract/{id}**

*read-instance: Read Contract instance (contractIdGet)*

**Path parameters**

- id *(required)*
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success *Object*
GET /Contract/{id}/_history

instance-history: Fetch the resource change history for all resources of type Contract (contractIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Contract/{id}/_history/{version_id}
vread-instance: Read Contract instance with specific version (contractIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Contract/{id}/$meta-add
(contractIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

**body object (optional)**

*Body Parameter —*

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

**POST /Contract/{id}/$meta-delete**

*(contractIdMetaDeletePost)*

Delete tags, profiles, and/or security labels from a resource

Path parameters

- **id (required)**

  *Path Parameter — The resource ID default: null*

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

**body object (optional)**

*Body Parameter —*

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

**GET /Contract/{id}/$meta**

*(contractIdMeta)*

Request a list of tags, profiles, and security labels for a specific resource instance
Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PUT /Contract/{id}
update-instance: Update an existing Contract instance, or create using a client-assigned ID (contractIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
id (required)
    Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
    Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Contract/{id}/$validate
(contractIdValidateGet)

Path parameters
id (required)
    Path Parameter — The resource ID default: null

Query parameters
resource (optional)
    Query Parameter —
mode (optional)
    Query Parameter —
profile (optional)
    Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Contract/$meta
(contractMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Contract
(contractPost)

create-type: Create a new Contract instance

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Contract/$validate
(contractValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Coverage

POST  /Coverage/$expunge
(coverageExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET  /Coverage
(search-type: Search for Coverage instances (coverageGet))

This is a search type

Query parameters

- identifier (optional)
  Query Parameter — The primary identifier of the insured and the coverage

- subscriber (optional)
  Query Parameter — Reference to the subscriber

- _lastUpdated (optional)
  Query Parameter — When the resource version last changed
_security (optional)
Query Parameter — Security Labels applied to this resource

type (optional)
Query Parameter — The kind of coverage (health plan, auto, Workers Compensation)

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_payor (optional)
Query Parameter — The identity of the insurer or party paying for services

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_beneficiary (optional)
Query Parameter — Covered party

_patient (optional)
Query Parameter — Retrieve coverages for a patient

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

class-value (optional)
Query Parameter — Value of the class (eg. Plan number, group number)

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

class-type (optional)
Query Parameter — Coverage class (eg. plan, group)

_dependent (optional)
Query Parameter — Dependent number

_policy-holder (optional)
Query Parameter — Reference to the policyholder

_status (optional)
Query Parameter — The status of the Coverage

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Coverage/_history

 type-history: Fetch the resource change history for all resources of type Coverage (coverageHistoryGet)
**DELETE /Coverage/{id}**

*instance-delete: Perform a logical delete on a resource instance (coverageIdDelete)*

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**POST /Coverage/{id}/$expunge**

(coverageIdExpungePost)

**Path parameters**

- **id** (required)

  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body** **object** (optional)

  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json

---

URL: https://10.2.2.41/api-doc/
GET /Coverage/{id}

read-instance: Read Coverage instance (coverageIdGet)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Coverage/{id}/_history

instance-history: Fetch the resource change history for all resources of type Coverage (coverageIdHistoryGet)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Coverage/{id}/_history/{version_id}

vread-instance: Read Coverage instance with specific version (coverageIdHistoryVersionIdGet)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null
- version_id (required)
POST /Coverage/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

POST /Coverage/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Returns
Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Coverage/{id}$/meta
(coverageIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Coverage/{id}
(instance-patch: Patch a resource instance of type Coverage by ID (coverageIdPatch))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Up

PUT /Coverage/{id}

update-instance: Update an existing Coverage instance, or create using a client-assigned ID (coverageIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /Coverage/{id}/$validate

(coverageIdValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null
Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Coverage/$meta
(coverageMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Coverage
create-type: Create a new Coverage instance (coveragePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
  Body Parameter
GET /Coverage/$validate
(coverageValidateGet)

Query parameters
- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

CoverageEligibilityRequest

POST /CoverageEligibilityRequest/$expunge
(coverageEligibilityRequestExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
</tr>
</tbody>
</table>

**GET /CoverageEligibilityRequest**

This is a search type

**Query parameters**

- **identifier (optional)**
  
  *Query Parameter* — The business identifier of the Eligibility

- **created (optional)**
  
  *Query Parameter* — The creation date for the EOB

- **_lastUpdated (optional)**
  
  *Query Parameter* — When the resource version last changed

- **_security (optional)**
  
  *Query Parameter* — Security Labels applied to this resource

- **_filter (optional)**
  
  *Query Parameter* — Search the contents of the resource's data using a filter

- **_profile (optional)**
  
  *Query Parameter* — Profiles this resource claims to conform to

- **provider (optional)**
  
  *Query Parameter* — The reference to the provider

- **patient (optional)**
  
  *Query Parameter* — The reference to the patient

- **_tag (optional)**
  
  *Query Parameter* — Tags applied to this resource

- **_has (optional)**
  
  *Query Parameter* — Return resources linked to by the given target

- **enterer (optional)**
  
  *Query Parameter* — The party who is responsible for the request

- **_source (optional)**
  
  *Query Parameter* — Identifies where the resource comes from

- **_id (optional)**
  
  *Query Parameter* — Logical id of this artifact

- **_text (optional)**
  
  *Query Parameter* — Search on the narrative of the resource

- **_content (optional)**
  
  *Query Parameter* — Search on the entire content of the resource

- **facility (optional)**
  
  *Query Parameter* — Facility responsible for the goods and services

- **status (optional)**
  
  *Query Parameter* — The status of the EligibilityRequest

**Return type**

*Object*

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

### GET /CoverageEligibilityRequest/_history

**type-history**: Fetch the resource change history for all resources of type CoverageEligibilityRequest (coverageEligibilityRequestHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

### DELETE /CoverageEligibilityRequest/{id}

**instance-delete**: Perform a logical delete on a resource instance (coverageEligibilityRequestIdDelete)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

### POST /CoverageEligibilityRequest/{id}$/expunge

(coverageEligibilityRequestIdExpungePost)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

```
body object (optional)
```

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object

```
GET /CoverageEligibilityRequest/{id}
```

read-instance: Read CoverageEligibilityRequest instance (coverageEligibilityRequestIdGet)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object

```
GET /CoverageEligibilityRequest/{id}/_history
```

instance-history: Fetch the resource change history for all resources of type CoverageEligibilityRequest (coverageEligibilityRequestIdHistoryGet)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json

https://10.2.2.41/api-doc/
GET /CoverageEligibilityRequest/{id}/_history/{version_id}

vread-instance: Read CoverageEligibilityRequest instance with specific version (coverageEligibilityRequestIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CoverageEligibilityRequest/{id}/$meta-add

(coverageEligibilityRequestIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml
POST /CoverageEligibilityRequest/{id}/$meta-delete

(coverageEligibilityRequestIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CoverageEligibilityRequest/{id}/$meta

(coverageEligibilityRequestIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml
### PATCH /CoverageEligibilityRequest/{id}

**instance-patch**: Patch a resource instance of type CoverageEligibilityRequest by ID (**coverageEligibilityRequestIdPatch**)

**Path parameters**

- **id** (required)
  - Path Parameter — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body **object** (optional)
  - Body Parameter

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success **Object**

---

### PUT /CoverageEligibilityRequest/{id}

**update-instance**: Update an existing CoverageEligibilityRequest instance, or create using a client-assigned ID (**coverageEligibilityRequestPut**)

**Path parameters**

- **id** (required)
  - Path Parameter — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body **object** (optional)
  - Body Parameter

**Return type**

Object

**Produces**

---

https://10.2.2.41/api-doc/
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CoverageEligibilityRequest/{id}/$validate
(coverageEligibilityRequestIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CoverageEligibilityRequest/$meta
(coverageEligibilityRequestMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST /CoverageEligibilityRequest

create-type: Create a new CoverageEligibilityRequest instance (coverageEligibilityRequestPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

GET /CoverageEligibilityRequest/$validate
(coverageEligibilityRequestValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /CoverageEligibilityResponse/$expunge

(coverageEligibilityResponseExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CoverageEligibilityResponse

search-type: Search for CoverageEligibilityResponse instances (coverageEligibilityResponseGet)

This is a search type

Query parameters

identifier (optional)
Query Parameter — The business identifier

request (optional)
Query Parameter — The EligibilityRequest reference

created (optional)
Query Parameter — The creation date

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

requestor (optional)
Query Parameter — The EligibilityRequest provider

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

disposition (optional)
Query Parameter — The contents of the disposition message

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

insurer (optional)
Query Parameter — The organization which generated this resource

patient (optional)
Query Parameter — The reference to the patient

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

outcome (optional)
Query Parameter — The processing outcome

status (optional)
Query Parameter — The EligibilityRequest status

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

GET /CoverageEligibilityResponse/_history

type-history: Fetch the resource change history for all resources of type CoverageEligibilityResponse (coverageEligibilityResponseHistoryGet)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

DELETE /CoverageEligibilityResponse/{id}

instance-delete: Perform a logical delete on a resource instance (coverageEligibilityResponselDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

**POST /CoverageEligibilityResponse/{id}/$expunge**

*(coverageEligibilityResponse ExpungePost)*

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body** *(optional)*
  
  *Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**GET /CoverageEligibilityResponse/{id}**

*(coverageEligibilityResponse Get)*

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
Responses
200
Success Object

GET /CoverageEligibilityResponse/{id}/_history

instance-history: Fetch the resource change history for all resources of type CoverageEligibilityResponse (coverageEligibilityResponseIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /CoverageEligibilityResponse/{id}/_history/{version_id}

vread-instance: Read CoverageEligibilityResponse instance with specific version (coverageEligibilityResponseIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null
version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CoverageEligibilityResponse/{id}/$meta-add

(coverageEligibilityResponseIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Path Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /CoverageEligibilityResponse/{id}/$meta-delete
(coverageEligibilityResponseIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Path Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /CoverageEligibilityResponse/{id}/$meta

(coverageEligibilityResponseIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Query parameters

  return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /CoverageEligibilityResponse/{id}

(instance-patch: Patch a resource instance of type CoverageEligibilityResponse by ID (coverageEligibilityResponsePatchIdPatch))

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

  body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
**PUT /CoverageEligibilityResponse/{id}**

update-instance: Update an existing CoverageEligibilityResponse instance, or create using a client-assigned ID (coverageEligibilityResponseIdPut)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

*body object* (optional)

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success *Object*

---

**GET /CoverageEligibilityResponse/{id}/$validate**

(coverageEligibilityResponseIdValidateGet)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Query parameters**

resource (optional)

*Query Parameter* —

mode (optional)

*Query Parameter* —

profile (optional)

*Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /CoverageEligibilityResponse/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /CoverageEligibilityResponse

Create a new CoverageEligibilityResponse instance (coverageEligibilityResponsePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /CoverageEligibilityResponse/$validate

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
**Query parameters**

- resource (optional)
- mode (optional)
- profile (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success [Object](#)

---

**POST /DetectedIssue/$expunge**

(detectedIssueExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body object (optional)

Body Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success [Object](#)

---

**GET /DetectedIssue**

(search-type: Search for DetectedIssue instances (detectedIssueGet))

This is a search type

**Query parameters**

- identifier (optional)

Query Parameter —

https://10.2.2.41/api-doc/
Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External Ids for this plan
- **CareTeam**: External Ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- ** DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business Identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**code** (optional)

*Query Parameter* — Issue Category, e.g. drug-drug, duplicate therapy, etc.

**author** (optional)

*Query Parameter* — The provider or device that identified the issue

**_lastUpdated** (optional)

*Query Parameter* — When the resource version last changed

**_security** (optional)

*Query Parameter* — Security Labels applied to this resource

**_filter** (optional)

*Query Parameter* — Search the contents of the resource's data using a filter

**identified** (optional)

*Query Parameter* — When identified

**_profile** (optional)

*Query Parameter* — Profiles this resource claims to conform to

**patient** (optional)

*Query Parameter* —
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**_tag (optional)***

_query parameter_ — Tags applied to this resource

**_has (optional)_**

_query parameter_ — Return resources linked to by the given target

**implicated (optional)***

_query parameter_ — Problem resource

**_source (optional)***

_query parameter_ — Identifies where the resource comes from

**_id (optional)***

_query parameter_ — Logical id of this artifact

**_text (optional)_**

_query parameter_ — Search on the narrative of the resource

**_content (optional)_**

_query parameter_ — Search on the entire content of the resource

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success _Object_

---

**GET /DetectedIssue/_history**

_type-history: Fetch the resource change history for all resources of type DetectedIssue (detectedIssueHistoryGet)_

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
DELETE /DetectedIssue/{id}

instance-delete: Perform a logical delete on a resource instance (detectedIssueldDelete)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

POST /DetectedIssue/{id}/$expunge

(detectedIssueldExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consomes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /DetectedIssue/{id}
Path instance: Read DetectedIssue instance (detectedIssueldGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DetectedIssue/{id}/_history

instance-history: Fetch the resource change history for all resources of type DetectedIssue (detectedIssueldHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DetectedIssue/{id}/_history/{version_id}

vread-instance: Read DetectedIssue instance with specific version (detectedIssueldHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /DetectedIssue/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /DetectedIssue/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DetectedIssue/{id}/$meta
(detectedIssueIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /DetectedIssue/{id}
(detectedIssueIdPatch)
instance-patch: Patch a resource instance of type DetectedIssue by ID

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Object</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

PUT /DetectedIssue/{id}

update-instance: Update an existing DetectedIssue instance, or create using a client-assigned ID (**detectedIssueIdPut**)

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body object (optional)**
  - *Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Object</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

GET /DetectedIssue/{id}/$validate

(***detectedIssueValidateGet***)

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Query parameters**

- **resource (optional)**
  - *Query Parameter* —
- **mode (optional)**
  - *Query Parameter* —
- **profile (optional)**
  - *Query Parameter* —
**Query Parameter**

- **Return type**
  - Object
- **Produces**
  - This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
    - application/fhir+json
    - application/fhir+xml
- **Responses**
  - 200
  - Success [Object](https://10.2.2.41/api-doc/)

---

**GET /DetectedIssue/$meta**

(detectedIssueMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

- **Query parameters**
  - return (optional)

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

- 200
- Success [Object](https://10.2.2.41/api-doc/)

---

**POST /DetectedIssue**

(create-type: Create a new DetectedIssue instance (detectedIssuePost))

- **Consumes**
  - This API call consumes the following media types via the Content-Type request header:
    - application/fhir+json
    - application/fhir+xml

**Request body**

- body [object](https://10.2.2.41/api-doc/) (optional)

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
GET /DetectedIssue/$validate
(detectedIssueValidateGet)

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

Device

POST /Device/$expunge
(deviceExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

- 200
  Success Object
GET /Device

Search-type: Search for Device instances (deviceGet)

This is a search type

Query parameters

- udi-di (optional)
  Query Parameter — The udi Device Identifier (DI)

- identifier (optional)
  Query Parameter — Instance id from manufacturer, owner, and others

- udi-carrier (optional)
  Query Parameter — UDI Barcode (RFID or other technology) string in HRF format.

- device-name (optional)
  Query Parameter — A server defined search that may match any of the string fields in Device.deviceName or Device.type.

- _lastUpdated (optional)
  Query Parameter — When the resource version last changed

- _security (optional)
  Query Parameter — Security Labels applied to this resource

- type (optional)
  Query Parameter — The type of the device

- url (optional)
  Query Parameter — Network address to contact device

- manufacturer (optional)
  Query Parameter — The manufacturer of the device

- _filter (optional)
  Query Parameter — Search the contents of the resource's data using a filter

- _profile (optional)
  Query Parameter — Profiles this resource claims to conform to

- patient (optional)
  Query Parameter — Patient information, if the resource is affixed to a person

- _tag (optional)
  Query Parameter — Tags applied to this resource

- organization (optional)
  Query Parameter — The organization responsible for the device

- _has (optional)
  Query Parameter — Return resources linked to by the given target

- _source (optional)
  Query Parameter — Identifies where the resource comes from

- location (optional)
  Query Parameter — A location, where the resource is found

- model (optional)
  Query Parameter — The model of the device

- _id (optional)
  Query Parameter — Logical id of this artifact

- _text (optional)
  Query Parameter — Search on the narrative of the resource

- _content (optional)
  Query Parameter — Search on the entire content of the resource

- status (optional)
  Query Parameter — active | inactive | entered-in-error | unknown

Return type
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
</tr>
</tbody>
</table>

**GET /Device/_history**

type-history: Fetch the resource change history for all resources of type Device (deviceHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
</tr>
</tbody>
</table>

**DELETE /Device/{id}**

instance-delete: Perform a logical delete on a resource instance (deviceDelete)

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>(required)</td>
</tr>
</tbody>
</table>

*Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
</tr>
</tbody>
</table>

**POST /Device/{id}/$expunge**

(deviceIdExpungePost)

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>(required)</td>
</tr>
</tbody>
</table>

*Path Parameter* — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Device/{id}
read-instance: Read Device instance (deviceIdGet)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Device/{id}/_history
instance-history: Fetch the resource change history for all resources of type Device (deviceIdHistoryGet)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /Device/{id}/_history/{version_id}

vread-instance: Read Device instance with specific version (deviceIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Device/{id}/$meta-add

(deviceIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
POST /Device/{id}/$meta-delete

(deviceIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Device/{id}/$meta

(deviceIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
PATCH /Device/{id}

instance-patch: Patch a resource instance of type Device by ID (deviceIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

PUT /Device/{id}

update-instance: Update an existing Device instance, or create using a client-assigned ID (deviceIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Device/{id}/$validate (deviceIDValidateGet)

Path parameters
id (required)
- Path Parameter — The resource ID default: null

Query parameters
resource (optional)
- Query Parameter —
mode (optional)
- Query Parameter —
profile (optional)
- Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Device/$meta (deviceMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
- Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
POST /Device

create-type: Create a new Device instance (devicePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Device/$validate

(deviceValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DeviceDefinition

https://10.2.2.41/api-doc/
POST /DeviceDefinition/$expunge

(postDeviceDefinitionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceDefinition

(search-type: Search for DeviceDefinition instances (deviceDefinitionGet))

This is a search type

Query parameters

identifier (optional)
Query Parameter — The identifier of the component

parent (optional)
Query Parameter — The parent DeviceDefinition resource

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

_type (optional)
Query Parameter — The device component type

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

/content (optional)
Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceDefinition/_history

type-history: Fetch the resource change history for all resources of type DeviceDefinition (deviceDefinitionHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /DeviceDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (deviceDefinitionIdDelete)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /DeviceDefinition/{id}/$expunge

(deviceDefinitionIdExpungePost)
Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceDefinition/{id}
read-instance: Read DeviceDefinition instance (deviceDefinitionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceDefinition/{id}/_history
instance-history: Fetch the resource change history for all resources of type DeviceDefinition (deviceDefinitionIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
GET /DeviceDefinition/{id}/_history/{version_id}

vread-instance: Read DeviceDefinition instance with specific version (deviceDefinitionIdHistoryVersionIdGet)

Path parameters

- id (required)
  
  Path Parameter — The resource ID default: null

- version_id (required)
  
  Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

POST /DeviceDefinition/{id}/$meta-add

(deviceDefinitionIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- id (required)
  
  Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**POST /DeviceDefinition/{id}/$meta-delete**

*(deviceDefinitionIdMetaDeletePost)*

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- **id** *(required)*
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body** *(optional)*
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**GET /DeviceDefinition/{id}/$meta**

*(deviceDefinitionIdMetaGet)*

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id** *(required)*
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **return** *(optional)*
  *Query Parameter* —

**Return type**

Object
Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**PATCH /DeviceDefinition/{id}**
instance-patch: Patch a resource instance of type DeviceDefinition by ID (deviceDefinitionIdPatch)

Path parameters
- id (required)
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
  *Body Parameter* —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**PUT /DeviceDefinition/{id}**
update-instance: Update an existing DeviceDefinition instance, or create using a client-assigned ID (deviceDefinitionIdPut)

Path parameters
- id (required)
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceDefinition/{id}/$validate
(deviceDefinitionIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceDefinition/$meta
(deviceDefinitionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**POST /DeviceDefinition**
create-type: Create a new DeviceDefinition instance (deviceDefinitionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**GET /DeviceDefinition/$validate**
(deviceDefinitionValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
DeviceMetric

POST /DeviceMetric/$expunge
(deviceMetricExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceMetric
(deviceMetricGet)

search-type: Search for DeviceMetric instances

This is a search type

Query parameters

- identifier (optional)
  Query Parameter — The identifier of the metric

- parent (optional)
  Query Parameter — The parent DeviceMetric resource

- _lastUpdated (optional)
  Query Parameter — When the resource version last changed

- _security (optional)
  Query Parameter — Security Labels applied to this resource

- source (optional)
  Query Parameter — The device resource

- type (optional)
  Query Parameter — The component type

- _filter (optional)
  Query Parameter — Search the contents of the resource's data using a filter

- _profile (optional)
  Query Parameter — Profiles this resource claims to conform to

- _tag (optional)
  Query Parameter — Tags applied to this resource
_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)
Query Parameter — The category of the metric

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  
Success Object
POST /DeviceMetric/{id}/$expunge

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /DeviceMetric/{id}

read-instance: Read DeviceMetric instance (deviceMetricIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
GET /DeviceMetric/{id}/_history

instance-history: Fetch the resource change history for all resources of type DeviceMetric (deviceMetricIdHistoryGet)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceMetric/{id}/_history/{version_id}

vread-instance: Read DeviceMetric instance with specific version (deviceMetricIdHistoryVersionIdGet)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /DeviceMetric/{id}/$meta-add

(deviceMetricIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
POST /DeviceMetric/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /DeviceMetric/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /DeviceMetric/{id}

instance-patch: Patch a resource instance of type DeviceMetric by ID (deviceMetricIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /DeviceMetric/{id}

update-instance: Update an existing DeviceMetric instance, or create using a client-assigned ID (deviceMetricIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /DeviceMetric/{id}/$validate

(deviceMetricIdValidateGet)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Query parameters
resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /DeviceMetric/$meta

(deviceMetricMetaGet)

https://10.2.2.41/api-doc/
Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

return (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success Object

---

**POST /DeviceMetric**

create-type: Create a new DeviceMetric instance ([deviceMetricPost])

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success Object

---

**GET /DeviceMetric/$validate**

([deviceMetricValidateGet])

**Query parameters**

- resource (optional)
- mode (optional)
- profile (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DeviceRequest

POST /DeviceRequest/$expunge
(deviceRequestExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceRequest
(deviceRequestGet)

search-type: Search for DeviceRequest instances

This is a search type

Query parameters

- insurance (optional)
  Query Parameter — Associated insurance coverage

- code (optional)
  Query Parameter —

Multiple Resources:

- AllergyIntolerance: Code that identifies the allergy or intolerance
- Condition: Code for the condition
- DeviceRequest: Code for what is being requested/ordered
- DiagnosticReport: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- **Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

**subject (optional)**
**Query Parameter** — Individual the service is ordered for

**_lastUpdated (optional)**
**Query Parameter** — When the resource version last changed

**group-identifier (optional)**
**Query Parameter** — Composite request this is part of

**based-on (optional)**
**Query Parameter** — Plan/proposal/order fulfilled by this request

**patient (optional)**
**Query Parameter** —

Multiple Resources:
- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**instantiates-uri (optional)**
**Query Parameter** — Instantiates external protocol or definition

**requester (optional)**
**Query Parameter** — Who/what is requesting service

**identifier (optional)**
**Query Parameter** —
Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External Ids for this plan
- **CareTeam**: External Ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business Identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External Identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**performer (optional)**
*Query Parameter* — Desired performer for service

**event-date (optional)**
*Query Parameter* — When service should occur

**_security (optional)**
*Query Parameter* — Security Labels applied to this resource

**instantiates-canonical (optional)**
*Query Parameter* — Instantiates FHIR protocol or definition

**encounter (optional)**
*Query Parameter* —

Multiple Resources:

- **Composition**: Context of the Composition
- **DeviceRequest**: Encounter during which request was created
- **DiagnosticReport**: The Encounter when the order was made
- **DocumentReference**: Context of the document content
- **Flag**: Alert relevant during encounter
- **List**: Context in which list created
- **NutritionOrder**: Return nutrition orders with this encounter identifier
- **Observation**: Encounter related to the observation
- **Procedure**: Encounter created as part of
- **RiskAssessment**: Where was assessment performed?
- **ServiceRequest**: An encounter in which this request is made
- **VisionPrescription**: Return prescriptions with this encounter identifier

**authored-on (optional)**
*Query Parameter* — When the request transitioned to being actionable

**intent (optional)**
*Query Parameter* — proposal | plan | original-order | reflex-order

**_filter (optional)**
*Query Parameter* — Search the contents of the resource's data using a filter
_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

device (optional)
Query Parameter — Reference to resource that is being requested/ordered

_prior-request (optional)
Query Parameter — Request takes the place of referenced completed or terminated requests

_status (optional)
Query Parameter — entered-in-error | draft | active | suspended | completed

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceRequest/_history

_type-history: Fetch the resource change history for all resources of type DeviceRequest (deviceRequestHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /DeviceRequest/{id}

_instance-delete: Perform a logical delete on a resource instance (deviceRequestIdDelete)

Path parameters
id (required)  
*Path Parameter* — The resource ID default: null

**Return type**  
Object

**Produces**  
This API call produces the following media types according to the *Accept* request header; the media type will be conveyed by the *Content-Type* response header.

- application/fhir+json
- application/fhir+xml

**Responses**  
200  
Success **Object**

---

**POST /DeviceRequest/{id}/$expunge**  
*(deviceRequestExpungePost)*

**Path parameters**  

id (required)  
*Path Parameter* — The resource ID default: null

**Consumes**  
This API call consumes the following media types via the *Content-Type* request header:

- application/fhir+json

**Request body**  

body **object** (optional)  
*Body Parameter* —

**Return type**  
Object

**Produces**  
This API call produces the following media types according to the *Accept* request header; the media type will be conveyed by the *Content-Type* response header.

- application/fhir+json
- application/fhir+xml

**Responses**  
200  
Success **Object**

---

**GET /DeviceRequest/{id}**  
*read-instance: Read DeviceRequest instance (deviceRequestGet)*

**Path parameters**  

id (required)  
*Path Parameter* — The resource ID default: null

**Return type**  
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceRequest/{id}/_history

Instance-history: Fetch the resource change history for all resources of type DeviceRequest (deviceRequestIdHistoryGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceRequest/{id}/_history/{version_id}

Vread-instance: Read DeviceRequest instance with specific version (deviceRequestIdHistoryVersionIdGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

- version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /DeviceRequest/{id}/$meta-add

(deviceRequestIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /DeviceRequest/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /DeviceRequest/{id}/$meta

(deviceRequestIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /DeviceRequest/{id}

(instance-patch: Patch a resource instance of type DeviceRequest by ID (deviceRequestIdPatch))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
PUT /DeviceRequest/{id}

update-instance: Update an existing DeviceRequest instance, or create using a client-assigned ID (deviceRequestIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /DeviceRequest/{id}/$validate

(deviceRequestIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
### GET /DeviceRequest/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- `return` (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success **Object**

### POST /DeviceRequest

create-type: Create a new DeviceRequest instance

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body `object` (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success **Object**

### GET /DeviceRequest/$validate

**Query parameters**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success **Object**

https://10.2.2.41/api-doc/
DeviceUseStatement

**POST /DeviceUseStatement/$expunge**

*(deviceUseStatementExpungePost)*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /DeviceUseStatement**

*search-type: Search for DeviceUseStatement instances (deviceUseStatementGet)*

This is a search type

**Query parameters**

- **identifier (optional)**

  *Query Parameter — Search by identifier*
subject (optional)
Query Parameter — Search by subject

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: Who the sensitivity is for
- CarePlan: Who the care plan is for
- CareTeam: Who care team is for
- ClinicalImpression: Patient or group assessed
- Composition: Who and/or what the composition is about
- Condition: Who has the condition?
- Consent: Who the consent applies to
- DetectedIssue: Associated patient
- DeviceRequest: Individual the service is ordered for
- DeviceUseStatement: Search by subject - a patient
- DiagnosticReport: The subject of the report if a patient
- DocumentManifest: The subject of the set of documents
- DocumentReference: Who/what is the subject of the document
- Encounter: The patient or group present at the encounter
- EpisodeOfCare: The patient who is the focus of this episode of care
- FamilyMemberHistory: The identity of a subject to list family member history items for
- Flag: The identity of a subject to list flags for
- Goal: Who this goal is intended for
- ImagingStudy: Who the study is about
- Immunization: The patient for the vaccination record
- List: If all resources have the same subject
- MedicationAdministration: The identity of a patient to list administrations for
- MedicationDispense: The identity of a patient to list dispenses for
- MedicationRequest: Returns prescriptions for a specific patient
- MedicationStatement: Returns statements for a specific patient
- NutritionOrder: The identity of the person who requires the diet, formula or nutritional supplement
- Observation: The subject that the observation is about (if patient)
- Procedure: Search by subject - a patient
- RiskAssessment: Who/what does assessment apply to?
- ServiceRequest: Search by subject - a patient
- SupplyDelivery: Patient for whom the item is supplied
- VisionPrescription: The identity of a patient to list dispenses for

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceUseStatement/_history

type-history: Fetch the resource change history for all resources of type DeviceUseStatement (deviceUseStatementHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /DeviceUseStatement/{id}

instance-delete: Perform a logical delete on a resource instance (deviceUseStatementIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /DeviceUseStatement/{id}/$expunge

(deviceUseStatementIdExpungePost)
Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /DeviceUseStatement/{id}

read-instance: Read DeviceUseStatement instance (deviceUseStatementIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /DeviceUseStatement/{id}/_history

instance-history: Fetch the resource change history for all resources of type DeviceUseStatement (deviceUseStatementIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**GET /DeviceUseStatement/{id}/_history/{version_id}**

vread-instance: Read DeviceUseStatement instance with specific version (**deviceUseStatementIdHistoryVersionIdGet**)

**Path parameters**
- **id** (required)  
  *Path Parameter* — The resource ID default: null
- **version_id** (required)  
  *Path Parameter* — The resource version ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**POST /DeviceUseStatement/{id}/$meta-add**

(**deviceUseStatementIdMetaAddPost**)

Add tags, profiles, and/or security labels to a resource

**Path parameters**
- **id** (required)  
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**
- **body** **object** (optional)
  *Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /DeviceUseStatement/{id}/$meta-delete

(deviceUseStatementIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /DeviceUseStatement/{id}/$meta

(deviceUseStatementIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type

Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PATCH /DeviceUseStatement/{id}

instance-patch: Patch a resource instance of type DeviceUseStatement by ID (deviceUseStatementIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

PUT /DeviceUseStatement/{id}

update-instance: Update an existing DeviceUseStatement instance, or create using a client-assigned ID (deviceUseStatementIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceUseStatement/{id}/$validate
(deviceUseStatementIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceUseStatement/$meta
(deviceUseStatementMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object
Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /DeviceUseStatement
create-type: Create a new DeviceUseStatement instance (deviceUseStatementPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DeviceUseStatement/$validate
(deviceUseStatementValidateGet)

Query parameters
resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
DiagnosticReport

**POST /DiagnosticReport/$expunge**

(diagnosticReportExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

**body object** (optional)

**Body Parameter**

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object

---

**GET /DiagnosticReport**

(search-type: Search for DiagnosticReport instances (diagnosticReportGet)

This is a search type

**Query parameters**

**date (optional)**

**Query Parameter**

Multiple Resources:

- **AllergyIntolerance**: Date first version of the resource instance was recorded
- **CarePlan**: Time period plan covers
- **CareTeam**: Time period team covers
- **ClinicalImpression**: When the assessment was documented
- **Composition**: Composition editing time
- **Consent**: When this Consent was created or indexed
- **DiagnosticReport**: The clinically relevant time of the report
- **Encounter**: A date within the period the Encounter lasted
- **EpisodeOfCare**: The provided date search value falls within the episode of care’s period
- **FamilyMemberHistory**: When history was recorded or last updated
- **Flag**: Time period when flag is active
- **Immunization**: Vaccination (non)-Administration Date
- **List**: When the list was prepared
- **Observation**: Obtained date/time. If the obtained element is a period, a date that falls in the period
- **Procedure**: When the procedure was performed
- **RiskAssessment**: When was assessment made?
- **SupplyRequest**: When the request was made
code (optional)
*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Code that identifies the allergy or intolerance
- **Condition**: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- **Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

subject (optional)
*Query Parameter* — The subject of the report

_lastUpdated (optional)
*Query Parameter* — When the resource version last changed

media (optional)
*Query Parameter* — A reference to the image source.

collection (optional)
*Query Parameter* — A coded conclusion (interpretation/impression) on the report

result (optional)
*Query Parameter* — Link to an atomic result (observation resource)

based-on (optional)
*Query Parameter* — Reference to the service request.

patient (optional)
*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**specimen (optional)**
*Query Parameter* — The specimen details

**issued (optional)**
*Query Parameter* — When the report was issued

**identifier (optional)**
*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External Ids for this plan
- **CareTeam**: External Ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**performer (optional)**
*Query Parameter* — Who is responsible for the report

**_security (optional)**
*Query Parameter* — Security Labels applied to this resource

**encounter (optional)**
*Query Parameter* —

Multiple Resources:

- **Composition**: Context of the Composition
- **DeviceRequest**: Encounter during which request was created
- **DiagnosticReport**: The Encounter when the order was made
- **DocumentReference**: Context of the document content
- **Flag**: Alert relevant during encounter
- **List**: Context in which list created
- **NutritionOrder**: Return nutrition orders with this encounter identifier
- **Observation**: Encounter related to the observation
- **Procedure**: Encounter created as part of
- **RiskAssessment**: Where was assessment performed?
- **ServiceRequest**: An encounter in which this request is made
- **VisionPrescription**: Return prescriptions with this encounter identifier

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)
Query Parameter — Which diagnostic discipline/department created the report

_results-interpreter (optional)
Query Parameter — Who was the source of the report

_status (optional)
Query Parameter — The status of the report

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /DiagnosticReport/_history

type-history: Fetch the resource change history for all resources of type DiagnosticReport (diagnosticReportHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
DELETE /DiagnosticReport/{id}

instance-delete: Perform a logical delete on a resource instance (diagnosticReportIdDelete)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  * application/fhir+json
  * application/fhir+xml

Responses
200
Success Object

POST /DiagnosticReport/{id}/$expunge
(diagnosticReportIdExpungePost)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

  * application/fhir+json

Request body
  body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  * application/fhir+json
  * application/fhir+xml

Responses
200
Success Object

GET /DiagnosticReport/{id}

read-instance: Read DiagnosticReport instance (diagnosticReportIdGet)

Path parameters
id (required)

https://10.2.2.41/api-doc/
**GET /DiagnosticReport/{id}/_history**

instance-history: Fetch the resource change history for all resources of type DiagnosticReport (diagnosticReportIdHistoryGet)

Path parameters

- **id** (required)

  *Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success [Object](https://10.2.2.41/api-doc/)

---

**GET /DiagnosticReport/{id}/_history/{version_id}**

vread-instance: Read DiagnosticReport instance with specific version (diagnosticReportIdHistoryVersionIdGet)

Path parameters

- **id** (required)

  *Path Parameter* — The resource ID default: null

- **version_id** (required)

  *Path Parameter* — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success [Object](https://10.2.2.41/api-doc/)
POST /DiagnosticReport/{id}/$meta-add
(diagnosticReportIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /DiagnosticReport/{id}/$meta-delete
(diagnosticReportIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /DiagnosticReport/{id}/$meta
(diagnosticReportIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Query parameters
  return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

PATCH /DiagnosticReport/{id}
(instance-patch: Patch a resource instance of type DiagnosticReport by ID (diagnosticReportIdPatch))

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

  - application/fhir+json
  - application/fhir+xml

Request body

  body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
PUT /DiagnosticReport/{id}

update-instance: Update an existing DiagnosticReport instance, or create using a client-assigned ID (diagnosticReportIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /DiagnosticReport/{id}/$validate
(diagnosticReportIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter
mode (optional)
Query Parameter
profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DiagnosticReport/$meta
(diagnosticReportMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
  return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /DiagnosticReport
(create-type: Create a new DiagnosticReport instance (diagnosticReportPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
  body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /DiagnosticReport/$validate
(diagnosticReportValidateGet)

Query parameters
  resource (optional)
    Query Parameter —
  mode (optional)
    Query Parameter —
  profile (optional)
    Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DocumentManifest

POST /DocumentManifest/$expunge
(documentManifestExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
  body object (optional)
    Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DocumentManifest
search-type: Search for DocumentManifest instances (documentManifestGet)

This is a search type

Query parameters

**identifier (optional)**
*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External Ids for this plan
- **CareTeam**: External Ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business Identifier
- **List**: Business Identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**item (optional)**
*Query Parameter* — Items in manifest

**related-id (optional)**
*Query Parameter* — Identifiers of things that are related

**author (optional)**
*Query Parameter* — Who and/or what authored the DocumentManifest

**created (optional)**
*Query Parameter* — When this document manifest created

**subject (optional)**
*Query Parameter* — The subject of the set of documents

**_lastUpdated (optional)**
*Query Parameter* — When the resource version last changed

**_security (optional)**
*Query Parameter* — Security Labels applied to this resource

**description (optional)**
*Query Parameter* — Human-readable description (title)

**source (optional)**
*Query Parameter* — The source system/application/software

**type (optional)**
*Query Parameter* —

Multiple Resources:
- **AllergyIntolerance**: allergy | intolerance - Underlying mechanism (if known)
- **Composition**: Kind of composition (LOINC if possible)
- **DocumentManifest**: Kind of document set
- **DocumentReference**: Kind of document (LOINC if possible)
- **Encounter**: Specific type of encounter
- **EpisodeOfCare**: Type/class - e.g. specialist referral, disease management

**_filter (optional)_**

*Query Parameter* — Search the contents of the resource's data using a filter

**_profile (optional)_**

*Query Parameter* — Profiles this resource claims to conform to

**related-ref (optional)**

*Query Parameter* — Related Resource

**patient (optional)**

*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**_tag (optional)_**

*Query Parameter* — Tags applied to this resource

**_has (optional)_**

*Query Parameter* — Return resources linked to by the given target

**recipient (optional)**

*Query Parameter* — Intended to get notified about this set of documents

**_source (optional)_**

*Query Parameter* — Identifies where the resource comes from

**_id (optional)_**

*Query Parameter* — Logical id of this artifact

**_text (optional)_**

*Query Parameter* — Search on the narrative of the resource
_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — current | superseded | entered-in-error

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DocumentManifest/_history

type-history: Fetch the resource change history for all resources of type DocumentManifest (documentManifestHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /DocumentManifest/{id}

instance-delete: Perform a logical delete on a resource instance (documentManifestIdDelete)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /DocumentManifest/{id}/$expunge

Path parameters

id (required)
--- Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
--- Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /DocumentManifest/{id}

read-instance: Read DocumentManifest instance (documentManifestIdGet)

Path parameters

id (required)
--- Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /DocumentManifest/{id}/_history

instance-history: Fetch the resource change history for all resources of type DocumentManifest (documentManifestIdHistoryGet)

Path parameters

https://10.2.2.41/api-doc/
id (required)  
*Path Parameter* — The resource ID default: null

Return type  
Object

Produces  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses  
200  
Success *Object*

---

GET /DocumentManifest/{id}/_history/{version_id}  
_vread-instance: Read DocumentManifest instance with specific version (documentManifestIdHistoryVersionIdGet)_

Path parameters  

id (required)  
*Path Parameter* — The resource ID default: null

version_id (required)  
*Path Parameter* — The resource version ID default: null

Return type  
Object

Produces  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses  
200  
Success *Object*

---

POST /DocumentManifest/{id}/$meta-add  
_(documentManifestIdMetaAddPost)_

Add tags, profiles, and/or security labels to a resource

Path parameters  

id (required)  
*Path Parameter* — The resource ID default: null

Consumes  
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body  

body *object* (optional)  
*Body Parameter* —
**GET /DocumentManifest/{id}/$meta**

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
- **id** (required)
  - Path Parameter — The resource ID default: null

Query parameters
- **return** (optional)
  - Query Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /DocumentManifest/{id}

instance-patch: Patch a resource instance of type DocumentManifest by ID (documentManifestIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /DocumentManifest/{id}

update-instance: Update an existing DocumentManifest instance, or create using a client-assigned ID (documentManifestIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
Request body

```plaintext
body object (optional)

Body Parameter —
```

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

**GET /DocumentManifest/{id}/$validate**

(documentManifestIdValidateGet)

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Query parameters

resource (optional)

*Query Parameter* —

mode (optional)

*Query Parameter* —

profile (optional)

*Query Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

**GET /DocumentManifest/$meta**

(documentManifestMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

*Query Parameter* —

---
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /DocumentManifest
create-type: Create a new DocumentManifest instance (documentManifestPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DocumentManifest/$validate
(documentManifestValidateGet)

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
**DocumentReference**

**POST /DocumentReference/$expunge**

(\documentReferenceExpungePost\)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body **object** (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success **Object**

**GET /DocumentReference**

(search-type: Search for DocumentReference instances (documentReferenceGet))

This is a search type

**Query parameters**

- **date (optional)**
  Query Parameter — When this document reference was created

- **subject (optional)**
  Query Parameter — Who/what is the subject of the document

- **lastUpdated (optional)**
  Query Parameter — When the resource version last changed

- **description (optional)**
  Query Parameter — Human-readable description

- **language (optional)**
  Query Parameter — Human language of the content (BCP-47)

- **type (optional)**
  Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: allergy | intolerance - Underlying mechanism (if known)
- **Composition**: Kind of composition (LOINC if possible)
• **DocumentManifest**: Kind of document set
• **DocumentReference**: Kind of document (LOINC if possible)
• **Encounter**: Specific type of encounter
• **EpisodeOfCare**: Type/class - e.g. specialist referral, disease management

**relation (optional)**
*Query Parameter* — replaces | transforms | signs | appends

**setting (optional)**
*Query Parameter* — Additional details about where the content was created (e.g. clinical specialty)

**related (optional)**
*Query Parameter* — Related identifiers or resources

**patient (optional)**
*Query Parameter* —

Multiple Resources:

• **AllergyIntolerance**: Who the sensitivity is for
• **CarePlan**: Who the care plan is for
• **CareTeam**: Who care team is for
• **ClinicalImpression**: Patient or group assessed
• **Composition**: Who and/or what the composition is about
• **Condition**: Who has the condition?
• **Consent**: Who the consent applies to
• **Device**: Associated patient
• **DeviceRequest**: Individual the service is ordered for
• **DeviceUseStatement**: Search by subject - a patient
• **DiagnosticReport**: The subject of the report if a patient
• **DocumentManifest**: The subject of the set of documents
• **DocumentReference**: Who/what is the subject of the document
• **Encounter**: The patient or group present at the encounter
• **EpisodeOfCare**: The patient who is the focus of this episode of care
• **FamilyMemberHistory**: The identity of a subject to list family member history items for
• **Flag**: The identity of a subject to list flags for
• **Goal**: Who this goal is intended for
• **ImagingStudy**: Who the study is about
• **Immunization**: The patient for the vaccination record
• **List**: If all resources have the same subject
• **MedicationAdministration**: The identity of a patient to list administrations for
• **MedicationDispense**: The identity of a patient to list dispenses for
• **MedicationRequest**: Returns prescriptions for a specific patient
• **MedicationStatement**: Returns statements for a specific patient.
• **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
• **Observation**: The subject that the observation is about (if patient)
• **Procedure**: Search by subject - a patient
• **RiskAssessment**: Who/what does assessment apply to?
• **ServiceRequest**: Search by subject - a patient
• **SupplyDelivery**: Patient for whom the item is supplied
• **VisionPrescription**: The identity of a patient to list dispenses for

**event (optional)**
*Query Parameter* — Main clinical acts documented

**relationship (optional)**
*Query Parameter* — Combination of relation and relatesTo

**authenticator (optional)**
*Query Parameter* — Who/what authenticated the document

**identifier (optional)**
*Query Parameter* —

Multiple Resources:

• **AllergyIntolerance**: External ids for this item
• **CarePlan**: External Ids for this plan
• **CareTeam**: External Ids for this team
• **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**period (optional)**

*Query Parameter* — Time of service that is being documented

**custodian (optional)**

*Query Parameter* — Organization which maintains the document

**author (optional)**

*Query Parameter* — Who and/or what authored the document

**_security (optional)**

*Query Parameter* — Security Labels applied to this resource

**format (optional)**

*Query Parameter* — Format/content rules for the document

**encounter (optional)**

*Query Parameter* —

Multiple Resources:

- **Composition**: Context of the Composition
- **DeviceRequest**: Encounter during which request was created
- **DiagnosticReport**: The Encounter when the order was made
- **DocumentReference**: Context of the document content
- **Flag**: Alert relevant during encounter
- **List**: Context in which list created
- **NutritionOrder**: Return nutrition orders with this encounter identifier
- **Observation**: Encounter related to the observation
- **Procedure**: Encounter created as part of
- **RiskAssessment**: Where was assessment performed?
- **ServiceRequest**: An encounter in which this request is made
- **VisionPrescription**: Return prescriptions with this encounter identifier

**contenttype (optional)**

*Query Parameter* — Mime type of the content, with charset etc.

**_filter (optional)**

*Query Parameter* — Search the contents of the resource's data using a filter

**security-label (optional)**

*Query Parameter* — Document security-tags

**_profile (optional)**

*Query Parameter* — Profiles this resource claims to conform to.
_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

location (optional)
Query Parameter — Uri where the data can be found

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)
Query Parameter — Categorization of document

relatesto (optional)
Query Parameter — Target of the relationship

facility (optional)
Query Parameter — Kind of facility where patient was seen

status (optional)
Query Parameter — current | superseded | entered-in-error

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /DocumentReference/_history

Type-history: Fetch the resource change history for all resources of type DocumentReference (documentReferenceHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

DELETE /DocumentReference/{id}
instance-delete: Perform a logical delete on a resource instance (documentReferenceIdDelete)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

POST /DocumentReference/{id}/$expunge

(documentReferenceIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /DocumentReference/{id}

read-instance: Read DocumentReference instance (documentReferenceIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

https://10.2.2.41/api-doc/
GET /DocumentReference/{id}/_history

instance-history: Fetch the resource change history for all resources of type DocumentReference (documentReferenceIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DocumentReference/{id}/_history/{version_id}

vread-instance: Read DocumentReference instance with specific version (documentReferenceIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /DocumentReference/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /DocumentReference/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
Responses
200
Success Object

GET /DocumentReference/{id}/$meta

(documentReferenceIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /DocumentReference/{id}

(instance-patch: Patch a resource instance of type DocumentReference by ID (documentReferenceIdPatch))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml
PUT /DocumentReference/{id}
update-instance: Update an existing DocumentReference instance, or create using a client-assigned ID (documentReferenceIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /DocumentReference/{id}/$validate
(documentReferenceIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /DocumentReference/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /DocumentReference

create-type: Create a new DocumentReference instance (documentReferencePost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
GET /DocumentReference/$validate

(resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

EffectEvidenceSynthesis

POST /EffectEvidenceSynthesis/$expunge

(body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EffectEvidenceSynthesis

search-type: Search for EffectEvidenceSynthesis instances (effectEvidenceSynthesisGet)

This is a search type
Query parameters

date (optional)
Query Parameter — The effect evidence synthesis publication date

context-type-value (optional)
Query Parameter — A use context type and value assigned to the effect evidence synthesis

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter — Intended jurisdiction for the effect evidence synthesis

description (optional)
Query Parameter — The description of the effect evidence synthesis

context-type (optional)
Query Parameter — A type of use context assigned to the effect evidence synthesis

title (optional)
Query Parameter — The human-friendly name of the effect evidence synthesis

context-quantity (optional)
Query Parameter — A quantity- or range-valued use context assigned to the effect evidence synthesis

effective (optional)
Query Parameter — The time during which the effect evidence synthesis is intended to be in use

context (optional)
Query Parameter — A use context assigned to the effect evidence synthesis

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the effect evidence synthesis

identifier (optional)
Query Parameter — External identifier for the effect evidence synthesis

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the effect evidence synthesis

url (optional)
Query Parameter — The uri that identifies the effect evidence synthesis

__filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

__profile (optional)
Query Parameter — Profiles this resource claims to conform to

__tag (optional)
Query Parameter — Tags applied to this resource

__has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Computationally friendly name of the effect evidence synthesis

publisher (optional)
Query Parameter — Name of the publisher of the effect evidence synthesis

__source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

__text (optional)
Query Parameter — Search on the narrative of the resource

__content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
**Query Parameter** — The current status of the effect evidence synthesis

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success [Object](#)

---

**GET /EffectEvidenceSynthesis/_history**

type-history: Fetch the resource change history for all resources of type EffectEvidenceSynthesis (effectEvidenceSynthesisHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success [Object](#)

---

**DELETE /EffectEvidenceSynthesis/{id}**

instance-delete: Perform a logical delete on a resource instance (effectEvidenceSynthesisIdDelete)

**Path parameters**

- id (required)

  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success [Object](#)

---

**POST /EffectEvidenceSynthesis/{id}/$expunge**

(effectEvidenceSynthesisIdExpungePost)
Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /EffectEvidenceSynthesis/{id}
read-instance: Read EffectEvidenceSynthesis instance (effectEvidenceSynthesisIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /EffectEvidenceSynthesis/{id}/_history
instance-history: Fetch the resource change history for all resources of type EffectEvidenceSynthesis (effectEvidenceSynthesisIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
GET /EffectEvidenceSynthesis/{id}/_history/{version_id}

vread-instance: Read EffectEvidenceSynthesis instance with specific version
(effectEvidenceSynthesisIdHistoryVersionIdGet)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EffectEvidenceSynthesis/{id}/$meta-add

(effectEvidenceSynthesisIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EffectEvidenceSynthesis/{id}/$meta-delete
(effectEvidenceSynthesisIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EffectEvidenceSynthesis/{id}/$meta
(effectEvidenceSynthesisIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object
Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PATCH /EffectEvidenceSynthesis/{id}

instance-patch: Patch a resource instance of type EffectEvidenceSynthesis by ID (effectEvidenceSynthesisIdPatch)

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PUT /EffectEvidenceSynthesis/{id}

update-instance: Update an existing EffectEvidenceSynthesis instance, or create using a client-assigned ID (effectEvidenceSynthesisIdPut)

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EffectEvidenceSynthesis/{id}/$validate
(effectEvidenceSynthesisIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EffectEvidenceSynthesis/$meta
(effectEvidenceSynthesisMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EffectEvidenceSynthesis
create-type: Create a new EffectEvidenceSynthesis instance (effectEvidenceSynthesisPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EffectEvidenceSynthesis/$validate
(effectEvidenceSynthesisValidateGet)

Query parameters

resource (optional)
Query Parameter

mode (optional)
Query Parameter

profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

https://10.2.2.41/api-doc/
### Encounter

#### GET /Encounter/$everything

(encounterEverythingGet)

**Query parameters**

- `_count (optional)`
  
  *Query Parameter* — Results from this method are returned across multiple pages. This parameter controls the size of those pages.

- `_offset (optional)`
  
  *Query Parameter* — Results from this method are returned across multiple pages. This parameter controls the offset when fetching a page.

- `_lastUpdated (optional)`
  
  *Query Parameter* — Only return resources which were last updated as specified by the given range

- `_content (optional)`
  
  *Query Parameter* — Filter the resources to return only resources matching the given _content filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- `_text (optional)`
  
  *Query Parameter* — Filter the resources to return only resources matching the given _text filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- `_filter (optional)`
  
  *Query Parameter* — Filter the resources to return only resources matching the given _filter filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- `_type (optional)`
  
  *Query Parameter* — Filter the resources to return only resources matching the given _type filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- `_id (optional)`
  
  *Query Parameter* — Filter the resources to return based on the patient ids provided.

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

#### POST /Encounter/$expunge

(encounterExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:
Request body

body **object** (optional)
*Body Parameter —*

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

### GET /Encounter

**search-type:** Search for Encounter instances (**encounterGet**)

This is a search type

**Query parameters**

**date (optional)**
*Query Parameter —*

Multiple Resources:

- **AllergyIntolerance:** Date first version of the resource instance was recorded
- **CarePlan:** Time period plan covers
- **CareTeam:** Time period team covers
- **ClinicalImpression:** When the assessment was documented
- **Composition:** Composition editing time
- **Consent:** When this Consent was created or indexed
- **DiagnosticReport:** The clinically relevant time of the report
- **Encounter:** A date within the period the Encounter lasted
- **EpisodeOfCare:** The provided date search value falls within the episode of care's period
- **FamilyMemberHistory:** When history was recorded or last updated
- **Flag:** Time period when flag is active
- **Immunization:** Vaccination (non)-Administration Date
- **List:** When the list was prepared
- **Observation:** Obtained date/time. If the obtained element is a period, a date that falls in the period
- **Procedure:** When the procedure was performed
- **RiskAssessment:** When was assessment made?
- **SupplyRequest:** When the request was made

**participant-type (optional)**
*Query Parameter — Role of participant in encounter*

**subject (optional)**
*Query Parameter — The patient or group present at the encounter*

**_lastUpdated (optional)**
*Query Parameter — When the resource version last changed*

**appointment (optional)**
*Query Parameter — The appointment that scheduled this encounter*

**part-of (optional)**
*Query Parameter — Another Encounter this encounter is part of*

**type (optional)**
Multiple Resources:

- **AllergyIntolerance**: allergy | intolerance - Underlying mechanism (if known)
- **Composition**: Kind of composition (LOINC if possible)
- **DocumentManifest**: Kind of document set
- **DocumentReference**: Kind of document (LOINC if possible)
- **Encounter**: Specific type of encounter
- **EpisodeOfCare**: Type/class - e.g. specialist referral, disease management

**participant (optional)**
Query Parameter — Persons involved in the encounter other than the patient

**reason-code (optional)**
Query Parameter — Coded reason the encounter takes place

**based-on (optional)**
Query Parameter — The ServiceRequest that initiated this encounter

**patient (optional)**
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**location-period (optional)**
Query Parameter — Time period during which the patient was present at the location

**special-arrangement (optional)**
Query Parameter — Wheelchair, translator, stretcher, etc.

**class (optional)**
Query Parameter —

**identifier (optional)**
Query Parameter —
Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External Ids for this plan
- **CareTeam**: External Ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**practitioner (optional)**
Query Parameter — Persons involved in the encounter other than the patient

**_security (optional)**
Query Parameter — Security Labels applied to this resource

**episode-of-care (optional)**
Query Parameter — Episode(s) of care that this encounter should be recorded against

**length (optional)**
Query Parameter — Length of encounter in days

**diagnosis (optional)**
Query Parameter — The diagnosis or procedure relevant to the encounter

**_filter (optional)**
Query Parameter — Search the contents of the resource's data using a filter

**_profile (optional)**
Query Parameter — Profiles this resource claims to conform to

**_tag (optional)**
Query Parameter — Tags applied to this resource

**_has (optional)**
Query Parameter — Return resources linked to by the given target

**reason-reference (optional)**
Query Parameter — Reason the encounter takes place (reference)

**_source (optional)**
Query Parameter — Identifies where the resource comes from

**location (optional)**
Query Parameter — Location the encounter takes place

**service-provider (optional)**
Query Parameter — The organization (facility) responsible for this encounter

**_id (optional)**
Query Parameter — Logical id of this artifact
GET /Encounter/_history

**Return type**
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

DELETE /Encounter/{id}

**Path parameters**

- id (required)  
  
**Return type**
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**
200
GET /Encounter/{id}/$everything

Path parameters

- id (required)
  **Path Parameter** — The resource ID default: null

Query parameters

- _count (optional)
  **Query Parameter** — Results from this method are returned across multiple pages. This parameter controls the size of those pages.

- _offset (optional)
  **Query Parameter** — Results from this method are returned across multiple pages. This parameter controls the offset when fetching a page.

- _lastUpdated (optional)
  **Query Parameter** — Only return resources which were last updated as specified by the given range

- _content (optional)
  **Query Parameter** — Filter the resources to return only resources matching the given _content filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- _text (optional)
  **Query Parameter** — Filter the resources to return only resources matching the given _text filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- _filter (optional)
  **Query Parameter** — Filter the resources to return only resources matching the given _filter filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- _type (optional)
  **Query Parameter** — Filter the resources to return only resources matching the given _type filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- _id (optional)
  **Query Parameter** — Filter the resources to return based on the patient ids provided.

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Encounter/{id}  
read-instance: Read Encounter instance (encounterIdGet)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Encounter/{id}/_history
instance-history: Fetch the resource change history for all resources of type Encounter (encounterIdHistoryGet)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Encounter/{id}/_history/{version_id}
vread-instance: Read Encounter instance with specific version (encounterIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Encounter/{id}/$meta-add
(encounterIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
POST /Encounter/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Encounter/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
PATCH /Encounter/{id}

instance-patch: Patch a resource instance of type Encounter by ID (encounterIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

PUT /Encounter/{id}

update-instance: Update an existing Encounter instance, or create using a client-assigned ID (encounterIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object
GET /Encounter/{id}/$validate

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Encounter/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
- return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /Encounter

create-type: Create a new Encounter instance (encounterPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Encounter/$validate

(encounterValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
**Endpoint**

**POST /Endpoint/$expunge**

(EndpointExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body object (optional)

Body Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

---

**GET /Endpoint**

(search-type: Search for Endpoint instances (endpointGet))

This is a search type

**Query parameters**

- **identifier (optional)**
  Query Parameter — Identifies this endpoint across multiple systems

- **lastUpdated (optional)**
  Query Parameter — When the resource version last changed

- **security (optional)**
  Query Parameter — Security Labels applied to this resource

- **filter (optional)**
  Query Parameter — Search the contents of the resource's data using a filter

- **payload-type (optional)**
  Query Parameter — The type of content that may be used at this endpoint (e.g. XDS Discharge summaries)

- **profile (optional)**
  Query Parameter — Profiles this resource claims to conform to

- **tag (optional)**
  Query Parameter — Tags applied to this resource

- **connection-type (optional)**
  Query Parameter — Protocol/Profile/Standard to be used with this endpoint connection

- **organization (optional)**
  Query Parameter — The organization that is managing the endpoint

- **has (optional)**
  Query Parameter — Return resources linked to by the given target
name (optional)
Query Parameter — A name that this endpoint can be identified by

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — The current status of the Endpoint (usually expected to be active)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Endpoint/_history

return to top | Up

type-history: Fetch the resource change history for all resources of type Endpoint (endpointHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Endpoint/{id}

return to top | Up

instance-delete: Perform a logical delete on a resource instance (endpointIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
POST /Endpoint/{id}/$expunge

(endpointIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Endpoint/{id}

read-instance: Read Endpoint instance (endpointIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
GET /Endpoint/{id}/_history

instance-history: Fetch the resource change history for all resources of type Endpoint (endpointIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Endpoint/{id}/_history/{version_id}

vread-instance: Read Endpoint instance with specific version (endpointIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Endpoint/{id}/$meta-add

(endpointIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
**POST /Endpoint/{id}/$meta-delete**

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)
  - *Body Parameter*

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /Endpoint/{id}/$meta**

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id (required)**

**Responses**

200
Success **Object**
PATCH /Endpoint/{id}

instance-patch: Patch a resource instance of type Endpoint by ID (endpointIdPatch)

Path parameters

id (required)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PUT /Endpoint/{id}

update-instance: Update an existing Endpoint instance, or create using a client-assigned ID (endpointIdPut)

Path parameters

id (required)
**GET /Endpoint/{id}/$validate**

(EndpointIdValidateGet)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **resource** (optional)
  
  *Query Parameter* —

- **mode** (optional)
  
  *Query Parameter* —

- **profile** (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success *Object*

---

**GET /Endpoint/$meta**

(EndpointMetaGet)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success *Object*
Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- `return` (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Expected Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

**POST /Endpoint**

create-type: Create a new Endpoint instance (**endpointPost**)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- `body` object (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Expected Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

**GET /Endpoint/$validate**

(/**endpointValidateGet**)

**Query parameters**

- `resource` (optional)
- `mode` (optional)
- `profile` (optional)

**Returns**

Success **Object**
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

EnrollmentRequest

POST /EnrollmentRequest/$expunge

(enrollmentRequestExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EnrollmentRequest

(search-type: Search for EnrollmentRequest instances (enrollmentRequestGet))

This is a search type

Query parameters

  - identifier (optional)
    Query Parameter — The business identifier of the Enrollment

  - subject (optional)
    Query Parameter — The party to be enrolled

  - _lastUpdated (optional)
    Query Parameter — When the resource version last changed

  - _security (optional)
    Query Parameter — Security Labels applied to this resource

  - _filter (optional)
    Query Parameter — Search the contents of the resource's data using a filter
_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter — The party to be enrolled

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_status (optional)
Query Parameter — The status of the enrollment

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

### GET /EnrollmentRequest/_history

type-history: Fetch the resource change history for all resources of type EnrollmentRequest (enrollmentRequestHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

### DELETE /EnrollmentRequest/{id}

instance-delete: Perform a logical delete on a resource instance (enrollmentRequestIdDelete)

**Path parameters**

- id (required)
POST /EnrollmentRequest/{id}/$expunge

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /EnrollmentRequest/{id}

read-instance: Read EnrollmentRequest instance (enrollmentRequestIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
GET /EnrollmentRequest/{id}/_history

instance-history: Fetch the resource change history for all resources of type EnrollmentRequest (enrollmentRequestIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EnrollmentRequest/{id}/_history/{version_id}

vread-instance: Read EnrollmentRequest instance with specific version (enrollmentRequestIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EnrollmentRequest/{id}/$meta-add

(enrollmentRequestIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /EnrollmentRequest/{id}/$meta-delete
(enrollmentRequestIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
GET /EnrollmentRequest/{id}/$meta

(enrollmentRequestIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /EnrollmentRequest/{id}

instance-patch: Patch a resource instance of type EnrollmentRequest by ID (enrollmentRequestIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
**PUT /EnrollmentRequest/{id}**

update-instance: Update an existing EnrollmentRequest instance, or create using a client-assigned ID (enrollmentRequestIdPut)

Path parameters
- id (required)
  
  **Path Parameter** — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body **object** (optional)
  
  **Body Parameter** —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /EnrollmentRequest/{id}/$validate**

(enrollmentRequestIdValidateGet)

Path parameters
- id (required)
  
  **Path Parameter** — The resource ID default: null

Query parameters
- resource (optional)
  
  **Query Parameter** —
- mode (optional)
  
  **Query Parameter** —
- profile (optional)
  
  **Query Parameter** —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
# Responses

## GET /EnrollmentRequest/$meta

**Request a list of tags, profiles, and security labels for a specific resource instance**

**Query parameters**

- **return (optional)**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

## POST /EnrollmentRequest

**create-type: Create a new EnrollmentRequest instance**

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body object (optional)**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

## GET /EnrollmentRequest/$validate

**Return type**

Object
Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

EnrollmentResponse

POST /EnrollmentResponse/$expunge
(enrollmentResponseExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EnrollmentResponse
(enrollmentResponseGet)

search-type: Search for EnrollmentResponse instances

This is a search type

Query parameters

- identifier (optional)
  Query Parameter — The business identifier of the EnrollmentResponse

https://10.2.2.41/api-doc/
request (optional)
Query Parameter — The reference to the claim

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_status (optional)
Query Parameter — The status of the enrollment response

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EnrollmentResponse/_history

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
DELETE /EnrollmentResponse/{id}

instance-delete: Perform a logical delete on a resource instance (enrollmentResponseDelete)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

POST /EnrollmentResponse/{id}/$expunge

(enrollmentResponseExpungePost)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /EnrollmentResponse/{id}

read-instance: Read EnrollmentResponse instance (enrollmentResponseGet)

Path parameters

- id (required)
GET /EnrollmentResponse/{id}/_history

instance-history: Fetch the resource change history for all resources of type EnrollmentResponse (enrollmentResponseIdHistoryGet)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /EnrollmentResponse/{id}/_history/{version_id}

vread-instance: Read EnrollmentResponse instance with specific version (enrollmentResponseIdHistoryVersionIdGet)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null
- version_id (required)
  - Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
POST /EnrollmentResponse/{id}/$meta-add

(ENROLLMENTRESPONSEIDMETADDELP)</enrollmentResponseIdMetaAddPost>
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EnrollmentResponse/{id}/$meta-delete

(ENROLLMENTRESPONSEIDMETADELP)</enrollmentResponseIdMetaDeletePost>
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
Responses
200
Success Object

GET /EnrollmentResponse/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /EnrollmentResponse/{id}

instance-patch: Patch a resource instance of type EnrollmentResponse by ID (enrollmentResponseIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
PUT /EnrollmentResponse/{id}

update-instance: Update an existing EnrollmentResponse instance, or create using a client-assigned ID
(enrollmentResponsePut)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
  - Body Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

- 200
  - Success Object

GET /EnrollmentResponse/{id}/$validate

(enrollmentResponseValidateGet)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Query parameters

- resource (optional)
  - Query Parameter —
- mode (optional)
  - Query Parameter —
- profile (optional)
  - Query Parameter —

Return type

Object
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EnrollmentResponse/$meta
(enrollmentResponseMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EnrollmentResponse
(create-type: Create a new EnrollmentResponse instance (enrollmentResponsePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /EnrollmentResponse/$validate

(enrollmentResponseValidateGet)

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

EpisodeOfCare

POST /EpisodeOfCare/$expunge

(episodeOfCareExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
search-type: Search for EpisodeOfCare instances (episodeOfCareGet)

This is a search type

Query parameters

date (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: Date first version of the resource instance was recorded
- **CarePlan**: Time period plan covers
- **CareTeam**: Time period team covers
- **ClinicalImpression**: When the assessment was documented
- **Composition**: Composition editing time
- **Consent**: When this Consent was created or indexed
- **DiagnosticReport**: The clinically relevant time of the report
- **Encounter**: A date within the period the Encounter lasted
- **EpisodeOfCare**: The provided date search value falls within the episode of care's period
- **FamilyMemberHistory**: When history was recorded or last updated
- **Flag**: Time period when flag is active
- **Immunization**: Vaccination (non)-Administration Date
- **List**: When the list was prepared
- **Observation**: Obtained date/time. If the obtained element is a period, a date that falls in the period
- **Procedure**: When the procedure was performed
- **RiskAssessment**: When was assessment made?
- **SupplyRequest**: When the request was made

identifier (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External Ids for this plan
- **CareTeam**: External Ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

_lastUpdated (optional)
Query Parameter — When the resource version last changed
security (optional)
Query Parameter — Security Labels applied to this resource

type (optional)
Query Parameter —

Multiple Resources:

- `AllergyIntolerance`: allergy | intolerance - Underlying mechanism (if known)
- `Composition`: Kind of composition (LOINC if possible)
- `DocumentManifest`: Kind of document set
- `DocumentReference`: Kind of document (LOINC if possible)
- `Encounter`: Specific type of encounter
- `EpisodeOfCare`: Type/class - e.g. specialist referral, disease management

incoming-referral (optional)
Query Parameter — Incoming Referral Request

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

condition (optional)
Query Parameter — Conditions/problems/diagnoses this episode of care is for

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter —

Multiple Resources:

- `AllergyIntolerance`: Who the sensitivity is for
- `CarePlan`: Who the care plan is for
- `CareTeam`: Who care team is for
- `ClinicalImpression`: Patient or group assessed
- `Composition`: Who and/or what the composition is about
- `Condition`: Who has the condition?
- `Consent`: Who the consent applies to
- `DetectedIssue`: Associated patient
- `DeviceRequest`: Individual the service is ordered for
- `DeviceUseStatement`: Search by subject - a patient
- `DiagnosticReport`: The subject of the report if a patient
- `DocumentManifest`: The subject of the set of documents
- `DocumentReference`: Who/what is the subject of the document
- `Encounter`: The patient or group present at the encounter
- `EpisodeOfCare`: The patient who is the focus of this episode of care
- `FamilyMemberHistory`: The identity of a subject to list family member history items for
- `Flag`: The identity of a subject to list flags for
- `Goal`: Who this goal is intended for
- `ImagingStudy`: Who the study is about
- `Immunization`: The patient for the vaccination record
- `List`: If all resources have the same subject
- `MedicationAdministration`: The identity of a patient to list administrations for
- `MedicationDispense`: The identity of a patient to list dispenses for
- `MedicationRequest`: Returns prescriptions for a specific patient
- `MedicationStatement`: Returns statements for a specific patient
- `NutritionOrder`: The identity of the person who requires the diet, formula or nutritional supplement
- `Observation`: The subject that the observation is about (if patient)
- `Procedure`: Search by subject - a patient
- `RiskAssessment`: Who/what does assessment apply to?
- `ServiceRequest`: Search by subject - a patient
- `SupplyDelivery`: Patient for whom the item is supplied
- `VisionPrescription`: The identity of a patient to list dispenses for

_tag (optional)
Query Parameter — Tags applied to this resource

organization (optional)
**Query Parameter** — The organization that has assumed the specific responsibilities of this EpisodeOfCare

_has (optional)
*Query Parameter* — Return resources linked to by the given target

_source (optional)
*Query Parameter* — Identifies where the resource comes from

_id (optional)
*Query Parameter* — Logical id of this artifact

_text (optional)
*Query Parameter* — Search on the narrative of the resource

_content (optional)
*Query Parameter* — Search on the entire content of the resource

care-manager (optional)
*Query Parameter* — Care manager/care coordinator for the patient

status (optional)
*Query Parameter* — The current status of the Episode of Care as provided (does not check the status history collection)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

**GET /EpisodeOfCare/_history**

Type-history: Fetch the resource change history for all resources of type EpisodeOfCare (**episodeOfCareHistoryGet**)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

**DELETE /EpisodeOfCare/{id}**

Instance-delete: Perform a logical delete on a resource instance (**episodeOfCareIdDelete**)

Path parameters

_id (required)
*Path Parameter* — The resource ID default: null
POST /EpisodeOfCare/{id}/$expunge

(episodeOfCareIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /EpisodeOfCare/{id}

(read-instance: Read EpisodeOfCare instance (episodeOfCareIdGet))

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json

Responses

200

Success Object
GET /EpisodeOfCare/{id}/_history

instance-history: Fetch the resource change history for all resources of type EpisodeOfCare (episodeOfCareIdHistoryGet)

Path parameters

id (required)
*Path Parameter* — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EpisodeOfCare/{id}/_history/{version_id}

vread-instance: Read EpisodeOfCare instance with specific version (episodeOfCareIdHistoryVersionIdGet)

Path parameters

id (required)
*Path Parameter* — The resource ID default: null

version_id (required)
*Path Parameter* — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EpisodeOfCare/{id}$/meta-add

(episodeOfCareIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EpisodeOfCare/{id}/$meta-delete

(episodeOfCareIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
**GET /EpisodeOfCare/{id}/$meta**

*(episodeOfCareIdMetaGet)*

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Query parameters**

return (optional)

*Query Parameter* —

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success *Object*

---

**PATCH /EpisodeOfCare/{id}**

*instance-patch: Patch a resource instance of type EpisodeOfCare by ID (episodeOfCareIdPatch)*

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body *object* (optional)

*Body Parameter* —

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success *Object*
PUT /EpisodeOfCare/{id}  

update-instance: Update an existing EpisodeOfCare instance, or create using a client-assigned ID (episodeOfCareIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EpisodeOfCare/{id}/$validate  

(episodeOfCareIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
GET /EpisodeOfCare/$meta
(episodeOfCareMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
"Query Parameter"

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EpisodeOfCare
(create-type: Create a new EpisodeOfCare instance (episodeOfCarePost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
"Body Parameter"

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

EventDefinition

POST /EventDefinition/$expunge
(eventDefinitionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EventDefinition
(eventDefinitionGet)

search-type: Search for EventDefinition instances

This is a search type

Query parameters

date (optional)
Query Parameter — The event definition publication date
successor (optional)
Query Parameter — What resource is being referenced

custom-type-value (optional)
Query Parameter — A use context type and value assigned to the event definition

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter — Intended jurisdiction for the event definition

derived-from (optional)
Query Parameter — What resource is being referenced

description (optional)
Query Parameter — The description of the event definition

custom-type (optional)
Query Parameter — A type of use context assigned to the event definition

predecessor (optional)
Query Parameter — What resource is being referenced

composed-of (optional)
Query Parameter — What resource is being referenced

title (optional)
Query Parameter — The human-friendly name of the event definition

context-quantity (optional)
Query Parameter — A quantity- or range-valued use context assigned to the event definition

depends-on (optional)
Query Parameter — What resource is being referenced

effective (optional)
Query Parameter — The time during which the event definition is intended to be in use

context (optional)
Query Parameter — A use context assigned to the event definition

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the event definition

identifier (optional)
Query Parameter — External identifier for the event definition

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the event definition

url (optional)
Query Parameter — The uri that identifies the event definition

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Computationally friendly name of the event definition

publisher (optional)
Query Parameter — Name of the publisher of the event definition

topic (optional)
Query Parameter — Topics associated with the module
_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_status (optional)
Query Parameter — The current status of the event definition

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EventDefinition/_history

type-history: Fetch the resource change history for all resources of type EventDefinition (eventDefinitionHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /EventDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (eventDefinitionIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST /EventDefinition/{id}/$expunge
(eventDefinitionIdExpungePost)

Path parameters

- id (required)
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body **object** (optional)
  
  *Body Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

GET /EventDefinition/{id}
(read-instance: Read EventDefinition instance (eventDefinitionIdGet))

Path parameters

- id (required)
  
  *Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**
instance-history: Fetch the resource change history for all resources of type EventDefinition (eventDefinitionIdHistoryGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EventDefinition/{id}/_history/{version_id}
vread-instance: Read EventDefinition instance with specific version (eventDefinitionIdHistoryVersionIdGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

- version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EventDefinition/{id}/$meta-add
(eventDefinitionIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
POST /EventDefinition/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
Query parameters

return (optional)

Query Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /EventDefinition/{id}

instance-patch: Patch a resource instance of type EventDefinition by ID (eventDefinitionIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /EventDefinition/{id}

update-instance: Update an existing EventDefinition instance, or create using a client-assigned ID (eventDefinitionIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body **object** (optional)

**Body Parameter**

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

**GET /EventDefinition/{id}/$validate**

(eventDefinitionIdValidateGet)

Path parameters

id (required)

**Path Parameter** — The resource ID default: null

Query parameters

- resource (optional)
  **Query Parameter**
- mode (optional)
  **Query Parameter**
- profile (optional)
  **Query Parameter**

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

**GET /EventDefinition/$meta**

(eventDefinitionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

---

https://10.2.2.41/api-doc/
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EventDefinition
create-type: Create a new EventDefinition instance (eventDefinitionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EventDefinition/$validate
(eventDefinitionValidateGet)

Query parameters
resource (optional)
mode (optional)
profile (optional)

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**Evidence**

**POST /Evidence/$expunge**

(evidenceExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  
  Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**GET /Evidence**

search-type: Search for Evidence instances (evidenceGet)

This is a search type

Query parameters

- date (optional)
  Query Parameter — The evidence publication date

- successor (optional)
  Query Parameter — What resource is being referenced

- context-type-value (optional)
  Query Parameter — A use context type and value assigned to the evidence

- _lastUpdated (optional)
  Query Parameter — When the resource version last changed

- jurisdiction (optional)
  Query Parameter — Intended jurisdiction for the evidence

- derived-from (optional)
  Query Parameter — What resource is being referenced
description (optional)
Query Parameter — The description of the evidence

context-type (optional)
Query Parameter — A type of use context assigned to the evidence

predecessor (optional)
Query Parameter — What resource is being referenced

composed-of (optional)
Query Parameter — What resource is being referenced

title (optional)
Query Parameter — The human-friendly name of the evidence

context-quantity (optional)
Query Parameter — A quantity- or range-valued use context assigned to the evidence

depends-on (optional)
Query Parameter — What resource is being referenced

effective (optional)
Query Parameter — The time during which the evidence is intended to be in use

context (optional)
Query Parameter — A use context assigned to the evidence

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the evidence

identifier (optional)
Query Parameter — External identifier for the evidence

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the evidence

url (optional)
Query Parameter — The uri that identifies the evidence

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Computationally friendly name of the evidence

publisher (optional)
Query Parameter — Name of the publisher of the evidence

topic (optional)
Query Parameter — Topics associated with the Evidence

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — The current status of the evidence
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Evidence/_history

type-history: Fetch the resource change history for all resources of type Evidence (evidenceHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Evidence/{id}

instance-delete: Perform a logical delete on a resource instance (evidenceIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Evidence/{id}/$expunge

(evidenceIdExpungePost)

Path parameters

id (required)
**Path Parameter** — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)

**Body Parameter** —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /Evidence/{id}**

`read-instance: Read Evidence instance (evidenceldGet)`

**Path parameters**

- id (required)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /Evidence/{id}/_history**

`instance-history: Fetch the resource change history for all resources of type Evidence (evidenceldHistoryGet)`

**Path parameters**

- id (required)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**GET /Evidence/{id}/_history/{version_id}**

vread-instance: Read Evidence instance with specific version (evidenceIdHistoryVersionIdGet)

**Path parameters**

- id (required)
  - Path Parameter — The resource ID default: null
- version_id (required)
  - Path Parameter — The resource version ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**POST /Evidence/{id}/$meta-add**

(evidenceIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

**Path parameters**

- id (required)
  - Path Parameter — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body object (optional)
  - Body Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /Evidence/{id}/$meta-delete

(evidenceldMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Evidence/{id}/$meta

(evidenceldMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
PATCH /Evidence/{id}

instance-patch: Patch a resource instance of type Evidence by ID (evidenceldPatch)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body *object* (optional)

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success *Object*

---

PUT /Evidence/{id}

update-instance: Update an existing Evidence instance, or create using a client-assigned ID (evidenceldPut)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body *object* (optional)

*Body Parameter* —

**Return type**

Object
HAPI FHIR Server

GET /Evidence/{id}/$validate
(evidenceIdValidateGet)

Path parameters
id (required)  
*Path Parameter* — The resource ID default: null

Query parameters
resource (optional)  
*Query Parameter* —
mode (optional)  
*Query Parameter* —
profile (optional)  
*Query Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success *Object*

GET /Evidence/$meta
(evidenceMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)  
*Query Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success *Object*
POST /Evidence

create-type: Create a new Evidence instance (evidencePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /Evidence/$validate
(evidenceValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
EvidenceVariable

POST /EvidenceVariable/$expunge

(evidenceVariableExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /EvidenceVariable

search-type: Search for EvidenceVariable instances (evidenceVariableGet)

This is a search type

Query parameters

date (optional)
Query Parameter — The evidence variable publication date

successor (optional)
Query Parameter — What resource is being referenced

category-type-value (optional)
Query Parameter — A use context type and value assigned to the evidence variable

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter — Intended jurisdiction for the evidence variable

derived-from (optional)
Query Parameter — What resource is being referenced

description (optional)
Query Parameter — The description of the evidence variable

context-type (optional)
Query Parameter — A type of use context assigned to the evidence variable

predecessor (optional)
Query Parameter — What resource is being referenced

composed-of (optional)
Query Parameter — What resource is being referenced

title (optional)
Query Parameter — The human-friendly name of the evidence variable

context-quantity (optional)
Query Parameter — A quantity- or range-valued use context assigned to the evidence variable

depends-on (optional)
Query Parameter — What resource is being referenced

effective (optional)
Query Parameter — The time during which the evidence variable is intended to be in use

collection (optional)
Query Parameter — A use context assigned to the evidence variable

collection-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the evidence variable

identifier (optional)
Query Parameter — External identifier for the evidence variable

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the evidence variable

_url (optional)
Query Parameter — The uri that identifies the evidence variable

_filter (optional)
Query Parameter — Search the contents of the resource’s data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Computationally friendly name of the evidence variable

_publisher (optional)
Query Parameter — Name of the publisher of the evidence variable

topic (optional)
Query Parameter — Topics associated with the EvidenceVariable

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — The current status of the evidence variable

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /EvidenceVariable/_history

type-history: Fetch the resource change history for all resources of type EvidenceVariable (evidenceVariableHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /EvidenceVariable/{id}

instance-delete: Perform a logical delete on a resource instance (evidenceVariableIdDelete)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /EvidenceVariable/{id}/$expunge

(evidenceVariableIdExpungePost)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

GET /EvidenceVariable/{id}

read-instance: Read EvidenceVariable instance (**evidenceVariableIdGet**)

Path parameters

**id (required)**
Path Parameter — The resource ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

GET /EvidenceVariable/{id}/_history

instance-history: Fetch the resource change history for all resources of type EvidenceVariable (**evidenceVariableIdGet**)

Path parameters

**id (required)**
Path Parameter — The resource ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**
GET /EvidenceVariable/{id}/_history/{version_id}

vread-instance: Read EvidenceVariable instance with specific version (evidenceVariableIdHistoryVersionIdGet)

Path parameters

  id (required)
  Path Parameter — The resource ID default: null

  version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  • application/fhir+json
  • application/fhir+xml

Responses
200 Success Object

POST /EvidenceVariable/{id}/$meta-add
(evidenceVariableIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

  id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

  • application/fhir+json

Request body

  body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  • application/fhir+json
  • application/fhir+xml

Responses
200 Success Object

POST /EvidenceVariable/{id}/$meta-delete
(evidenceVariableIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

**Path parameters**

id (required)
*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body object (optional)
*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

**GET /EvidenceVariable/{id}/$meta**

(evidenceVariableIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

id (required)
*Path Parameter* — The resource ID default: null

**Query parameters**

return (optional)
*Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

**PATCH /EvidenceVariable/{id}**

instance-patch: Patch a resource instance of type EvidenceVariable by ID (evidenceVariableIdPatch)
Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PUT /EvidenceVariable/{id}
update-instance: Update an existing EvidenceVariable instance, or create using a client-assigned ID (evidenceVariableIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
### GET /EvidenceVariable/{id}/$validate

(GET(evidenceVariableIdValidateGet)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **resource (optional)**
  
  *Query Parameter* —

- **mode (optional)**
  
  *Query Parameter* —

- **profile (optional)**
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

### GET /EvidenceVariable/$meta

(GET(evidenceVariableMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- **return (optional)**
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

### POST /EvidenceVariable

(create-type: Create a new EvidenceVariable instance (evidenceVariablePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body `object` (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

GET /EvidenceVariable/$validate

(evidenceVariableValidateGet)

**Query parameters**

- `resource` (optional)
  Query Parameter
- `mode` (optional)
  Query Parameter
- `profile` (optional)
  Query Parameter

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**ExampleScenario**

POST /ExampleScenario/$expunge

(exampleScenarioExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

body object (optional)

Body Parameter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /ExampleScenario

search-type: Search for ExampleScenario instances (exampleScenarioGet)

This is a search type

Query parameters

date (optional)
Query Parameter — The example scenario publication date

identifier (optional)
Query Parameter — External identifier for the example scenario

context-type-value (optional)
Query Parameter — A use context type and value assigned to the example scenario

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter — Intended jurisdiction for the example scenario

_security (optional)
Query Parameter — Security Labels applied to this resource

context-type (optional)
Query Parameter — A type of use context assigned to the example scenario

version (optional)
Query Parameter — The business version of the example scenario

_url (optional)
Query Parameter — The uri that identifies the example scenario

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

context-quantity (optional)
Query Parameter — A quantity- or range-valued use context assigned to the example scenario

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

context (optional)
Query Parameter — A use context assigned to the example scenario

name (optional)
Query Parameter — Computationally friendly name of the example scenario

publisher (optional)
Query Parameter — Name of the publisher of the example scenario

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_context (optional)
Query Parameter — Search on the entire content of the resource

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the example scenario

status (optional)
Query Parameter — The current status of the example scenario

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ExampleScenario/_history

type-history: Fetch the resource change history for all resources of type ExampleScenario (exampleScenarioHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /ExampleScenario/{id}

instance-delete: Perform a logical delete on a resource instance (exampleScenarioIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ExampleScenario/{id}/$expunge
(exampleScenarioIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ExampleScenario/{id}
(read-instance: Read ExampleScenario instance (exampleScenarioIdGet))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml
GET /ExampleScenario/{id}/_history

instance-history: Fetch the resource change history for all resources of type ExampleScenario (exampleScenarioIdHistoryGet)

Path parameters
- **id** (required)
  - *Path Parameter* — The resource ID default: null

Return type
- Object

Produces
- This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml

Responses
- **200** Success Object

GET /ExampleScenario/{id}/_history/{version_id}

vread-instance: Read ExampleScenario instance with specific version (exampleScenarioIdHistoryVersionIdGet)

Path parameters
- **id** (required)
  - *Path Parameter* — The resource ID default: null
- **version_id** (required)
  - *Path Parameter* — The resource version ID default: null

Return type
- Object

Produces
- This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml

Responses
- **200** Success Object

POST /ExampleScenario/{id}/$meta-add

(exampleScenarioIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters
- **id** (required)
POST /ExampleScenario/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ExampleScenario/{id}/$meta

(exampleScenarioidMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- return (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success *Object*

---

**PATCH** `/ExampleScenario/{id}`

instance-patch: Patch a resource instance of type ExampleScenario by ID (exampleScenarioIdPatch)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body *object* (optional)

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success *Object*

---

**PUT** `/ExampleScenario/{id}`


update-instance: Update an existing ExampleScenario instance, or create using a client-assigned ID
(exampleScenarioIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /ExampleScenario/{id}/$validate
(exampleScenarioIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /ExampleScenario/$meta
(exampleScenarioMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
  - return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ExampleScenario
(create-type: Create a new ExampleScenario instance (exampleScenarioPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ExampleScenario/$validate
(exampleScenarioValidateGet)

Query parameters
  - resource (optional)

Query Parameter —
mode (optional)
Query Parameter

profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

ExplanationOfBenefit

POST /ExplanationOfBenefit/$expunge
(explanationOfBenefitExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ExplanationOfBenefit
(search-type: Search for ExplanationOfBenefit instances (explanationOfBenefitGet)

This is a search type

Query parameters

- care-team (optional)
  Query Parameter — Member of the CareTeam

- _lastUpdated (optional)
  Query Parameter — When the resource version last changed
payee (optional)
Query Parameter — The party receiving any payment for the Claim

provider (optional)
Query Parameter — The reference to the provider

patient (optional)
Query Parameter — The reference to the patient

detail-udi (optional)
Query Parameter — UDI associated with a line item detail product or service

claim (optional)
Query Parameter — The reference to the claim

enterer (optional)
Query Parameter — The party responsible for the entry of the Claim

procedure-udi (optional)
Query Parameter — UDI associated with a procedure

item-udi (optional)
Query Parameter — UDI associated with a line item product or service

coverage (optional)
Query Parameter — The plan under which the claim was adjudicated

identifier (optional)
Query Parameter — The business identifier of the Explanation of Benefit

created (optional)
Query Parameter — The creation date for the EOB

_security (optional)
Query Parameter — Security Labels applied to this resource

encounter (optional)
Query Parameter — Encounters associated with a billed line item

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

disposition (optional)
Query Parameter — The contents of the disposition message

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

subdetail-udi (optional)
Query Parameter — UDI associated with a line item detail subdetail product or service

facility (optional)
Query Parameter — UDI associated with a line item detail subdetail product or service

status (optional)
Query Parameter — Status of the instance

Return type
GET /ExplanationOfBenefit/_history

type-history: Fetch the resource change history for all resources of type ExplanationOfBenefit (explanationOfBenefitHistoryGet)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /ExplanationOfBenefit/{id}

instance-delete: Perform a logical delete on a resource instance (explanationOfBenefitIdDelete)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ExplanationOfBenefit/{id}$/expunge
(explanationOfBenefitIdExpungePost)

Path parameters

- id (required)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ExplanationOfBenefit/{id}
read-instance: Read ExplanationOfBenefit instance (explanationOfBenefitIdGet)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ExplanationOfBenefit/{id}/_history
instance-history: Fetch the resource change history for all resources of type ExplanationOfBenefit (explanationOfBenefitIdHistoryGet)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ExplanationOfBenefit/{id}/_history/{version_id}

vread-instance: Read ExplanationOfBenefit instance with specific version (explanationOfBenefitIdHistoryVersionIdGet)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null
- version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ExplanationOfBenefit/{id}/$meta-add

(explanationOfBenefitIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /ExplanationOfBenefit/{id}/$meta-delete

(explanationOfBenefitIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
- id (required)
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
- body object (optional)
  *Body Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ExplanationOfBenefit/{id}/$meta

(explanationOfBenefitIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
- id (required)
  *Path Parameter* — The resource ID default: null

Query parameters
- return (optional)
  *Query Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
PATCH /ExplanationOfBenefit/{id}

instance-patch: Patch a resource instance of type ExplanationOfBenefit by ID (explanationOfBenefitIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

PUT /ExplanationOfBenefit/{id}

update-instance: Update an existing ExplanationOfBenefit instance, or create using a client-assigned ID (explanationOfBenefitIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object
GET /ExplanationOfBenefit/{id}/$validate

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ExplanationOfBenefit/$meta

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /ExplanationOfBenefit

create-type: Create a new ExplanationOfBenefit instance (explanationOfBenefitPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ExplanationOfBenefit/$validate
(explanationOfBenefitValidateGet)

Query parameters
resource (optional)
Query Parameter
mode (optional)
Query Parameter
profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
FamilyMemberHistory

POST /FamilyMemberHistory/$expunge

(familyMemberHistoryExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /FamilyMemberHistory

search-type: Search for FamilyMemberHistory instances (familyMemberHistoryGet)

This is a search type

Query parameters

date (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: Date first version of the resource instance was recorded
- CarePlan: Time period plan covers
- CareTeam: Time period team covers
- ClinicalImpression: When the assessment was documented
- Composition: Composition editing time
- Consent: When this Consent was created or indexed
- DiagnosticReport: The clinically relevant time of the report
- Encounter: A date within the period the Encounter lasted
- EpisodeOfCare: The provided date search value falls within the episode of care's period
- FamilyMemberHistory: When history was recorded or last updated
- Flag: Time period when flag is active
- Immunization: Vaccination (non)-Administration Date
- List: When the list was prepared
- Observation: Obtained date/time. If the obtained element is a period, a date that falls in the period
- Procedure: When the procedure was performed
- RiskAssessment: When was assessment made?
- SupplyRequest: When the request was made

identifier (optional)
Query Parameter —
Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External Ids for this plan
- **CareTeam**: External Ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**code** (optional)

*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Code that identifies the allergy or intolerance
- **Condition**: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- **Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

**_lastUpdated** (optional)

*Query Parameter* — When the resource version last changed

**sex** (optional)

*Query Parameter* — A search by a sex code of a family member

**_security** (optional)

*Query Parameter* — Security Labels applied to this resource

**instantiates-canonical** (optional)

*Query Parameter* — Instantiates FHIR protocol or definition

**_filter** (optional)

*Query Parameter* — Search the contents of the resource's data using a filter

**_profile** (optional)

*Query Parameter* — Profiles this resource claims to conform to

https://10.2.2.41/api-doc/
patient (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

instantiates-uri (optional)
Query Parameter — Instantiates external protocol or definition

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

relationship (optional)
Query Parameter — A search by a relationship type

status (optional)
Query Parameter — partial | completed | entered-in-error | health-unknown

Return type
Object

Produces

https://10.2.2.41/api-doc/
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /FamilyMemberHistory/_history

type-history: Fetch the resource change history for all resources of type FamilyMemberHistory
(familyMemberHistoryHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

DELETE /FamilyMemberHistory/{id}

instance-delete: Perform a logical delete on a resource instance (familyMemberHistoryIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /FamilyMemberHistory/{id}$/expunge

(familyMemberHistoryIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

`body object (optional)

Body Parameter —`

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success `Object`

---

**GET /FamilyMemberHistory/{id}**

read-instance: Read FamilyMemberHistory instance (`familyMemberHistoryIdGet`)

**Path parameters**

`id (required)

Path Parameter — The resource ID default: null`

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success `Object`

---

**GET /FamilyMemberHistory/{id}/_history**

instance-history: Fetch the resource change history for all resources of type FamilyMemberHistory (`familyMemberHistoryIdHistoryGet`)

**Path parameters**

`id (required)

Path Parameter — The resource ID default: null`

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /FamilyMemberHistory/{id}/_history/{version_id}

vread-instance: Read FamilyMemberHistory instance with specific version (familyMemberHistoryIdHistoryVersionIdGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null
- version_id (required)
  Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /FamilyMemberHistory/{id}/$meta-add

(familyMemberHistoryIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
POST /FamilyMemberHistory/{id}/$meta-delete

(familyMemberHistoryIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /FamilyMemberHistory/{id}/$meta

(familyMemberHistoryIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Query parameters
- return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml
PATCH /FamilyMemberHistory/{id}

instance-patch: Patch a resource instance of type FamilyMemberHistory by ID (familyMemberHistoryIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

PUT /FamilyMemberHistory/{id}

update-instance: Update an existing FamilyMemberHistory instance, or create using a client-assigned ID (familyMemberHistoryIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**GET /FamilyMemberHistory/{id}/$validate**

(familyMemberHistoryIdValidateGet)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **resource** (optional)
  
  *Query Parameter* —

- **mode** (optional)
  
  *Query Parameter* —

- **profile** (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**GET /FamilyMemberHistory/$meta**

(familyMemberHistoryMetaGet)

**Query parameters**

- **return** (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST /FamilyMemberHistory

create-type: Create a new FamilyMemberHistory instance (familyMemberHistoryPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /FamilyMemberHistory/$validate
(familyMemberHistoryValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

Flag
POST /Flag/$expunge

(flagExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)
  
  **Body Parameter** —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

GET /Flag

(search-type: Search for Flag instances (flagGet))

This is a search type

**Query parameters**

- **date** (optional)
  
  **Query Parameter** —

Multiple Resources:

- **AllergyIntolerance**: Date first version of the resource instance was recorded
- **CarePlan**: Time period plan covers
- **CareTeam**: Time period team covers
- **ClinicalImpression**: When the assessment was documented
- **Composition**: Composition editing time
- **Consent**: When this Consent was created or indexed
- **DiagnosticReport**: The clinically relevant time of the report
- **Encounter**: A date within the period the Encounter lasted
- **EpisodeOfCare**: The provided date search value falls within the episode of care's period
- **FamilyMemberHistory**: When history was recorded or last updated
- **Flag**: Time period when flag is active
- **Immunization**: Vaccination (non)-Administration Date
- **List**: When the list was prepared
- **Observation**: Obtained date/time. If the obtained element is a period, a date that falls in the period
- **Procedure**: When the procedure was performed
- **RiskAssessment**: When assessment was made?
- **SupplyRequest**: When the request was made

- **identifier** (optional)
  
  **Query Parameter** — Business identifier

- **author** (optional)
  
  **Query Parameter** — Flag creator

- **subject** (optional)
**Query Parameter** — The identity of a subject to list flags for

-_lastUpdated (optional)
*Query Parameter* — When the resource version last changed

-_security (optional)
*Query Parameter* — Security Labels applied to this resource

**encounter (optional)**
*Query Parameter*

Multiple Resources:

- **Composition**: Context of the Composition
- **DeviceRequest**: Encounter during which request was created
- **DiagnosticReport**: The Encounter when the order was made
- **DocumentReference**: Context of the document content
- **Flag**: Alert relevant during encounter
- **List**: Context in which list created
- **NutritionOrder**: Return nutrition orders with this encounter identifier
- **Observation**: Encounter related to the observation
- **Procedure**: Encounter created as part of
- **RiskAssessment**: Where was assessment performed?
- **ServiceRequest**: An encounter in which this request is made
- **VisionPrescription**: Return prescriptions with this encounter identifier

-_filter (optional)
*Query Parameter* — Search the contents of the resource's data using a filter

-_profile (optional)
*Query Parameter* — Profiles this resource claims to conform to

**patient (optional)**
*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for
_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Flag/_history

type-history: Fetch the resource change history for all resources of type Flag (flagHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Flag/{id}

instance-delete: Perform a logical delete on a resource instance (flagIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
HAPI FHIR Server

Responses
200  Success Object

POST /Flag/{id}/$expunge
 flaggedExpungePost

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  Success Object

GET /Flag/{id}
 flaggedGet

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  Success Object
**GET /Flag/{id}/_history**

instance-history: Fetch the resource change history for all resources of type Flag (flagIdHistoryGet)

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

**GET /Flag/{id}/_history/{version_id}**

vread-instance: Read Flag instance with specific version (flagIdHistoryVersionIdGet)

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

- **version_id (required)**
  
  *Path Parameter* — The resource version ID default: null

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

**POST /Flag/{id}/$meta-add**

(flagIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:
POST /Flag/{id}/$meta-delete
(flagIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Flag/{id}/$meta
(flagIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
- id (required)
PATCH /Flag/{id}

instance-patch: Patch a resource instance of type Flag by ID (flagIdPatch)

Path parameters

id (required)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PUT /Flag/{id}

update-instance: Update an existing Flag instance, or create using a client-assigned ID (flagIdPut)

Path parameters

id (required)
### GET /Flag/{id}/$validate

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- resource (optional)
  
  *Query Parameter* —

- mode (optional)
  
  *Query Parameter* —

- profile (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success [Object](#)

### GET /Flag/$meta

**Path parameters**

**Query parameters**

- resource (optional)
  
  *Query Parameter* —

- mode (optional)
  
  *Query Parameter* —

- profile (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success [Object](#)
Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

* return (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success **Object**

---

**POST /Flag**

create-type: Create a new Flag instance (**flagPost**)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

* body **object** (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success **Object**

---

**GET /Flag/$validate**

(**flagValidateGet**)

**Query parameters**

* resource (optional)

**mode (optional)**

**profile (optional)**
Goal

POST /Goal/$expunge

(goalExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Goal

(search-type: Search for Goal instances (goalGet)

This is a search type

Query parameters

identifier (optional)

Query Parameter –

Multiple Resources:

- AllergyIntolerance: External ids for this item
- CarePlan: External ids for this plan
- CareTeam: External Ids for this team
- Composition: Version-independent identifier for the Composition
- Condition: A unique identifier of the condition record
- Consent: Identifier for this record (external references)
- DetectedIssue: Unique id for the detected issue
- DeviceRequest: Business identifier for request/order
• **DiagnosticReport**: An identifier for the report
• **DocumentManifest**: Unique Identifier for the set of documents
• **DocumentReference**: Master Version Specific Identifier
• **Encounter**: Identifier(s) by which this encounter is known
• **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
• **FamilyMemberHistory**: A search by a record identifier
• **Goal**: External Ids for this goal
• **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
• **Immunization**: Business Identifier
• **List**: Business Identifier
• **MedicationAdministration**: Return administrations with this external identifier
• **MedicationDispense**: Returns dispenses with this external identifier
• **MedicationRequest**: Return prescriptions with this external identifier
• **MedicationStatement**: Return statements with this external identifier
• **NutritionOrder**: Return nutrition orders with this external identifier
• **Observation**: The unique id for a particular observation
• **Procedure**: A unique identifier for a procedure
• **RiskAssessment**: Unique identifier for the assessment
• **ServiceRequest**: Identifiers assigned to this order
• **SupplyDelivery**: External identifier
• **SupplyRequest**: Business Identifier for SupplyRequest
• **VisionPrescription**: Return prescriptions with this external identifier

**subject (optional)**

**Query Parameter** — Who this goal is intended for

**_lastUpdated (optional)**

**Query Parameter** — When the resource version last changed

**_security (optional)**

**Query Parameter** — Security Labels applied to this resource

**start-date (optional)**

**Query Parameter** — When goal pursuit begins

**_filter (optional)**

**Query Parameter** — Search the contents of the resource's data using a filter

**lifecycle-status (optional)**

**Query Parameter** — proposed | planned | accepted | active | on-hold | completed | cancelled | entered-in-error | rejected

**_profile (optional)**

**Query Parameter** — Profiles this resource claims to conform to

**achievement-status (optional)**

**Query Parameter** — in-progress | improving | worsening | no-change | achieved | sustaining | not-achieved | no-progress | not-attainable

**patient (optional)**

**Query Parameter** —

**Multiple Resources:**

• **AllergyIntolerance**: Who the sensitivity is for
• **CarePlan**: Who the care plan is for
• **CareTeam**: Who care team is for
• **ClinicalImpression**: Patient or group assessed
• **Composition**: Who and/or what the composition is about
• **Condition**: Who has the condition?
• **Consent**: Who the consent applies to
• **DetectedIssue**: Associated patient
• **DeviceRequest**: Individual the service is ordered for
• **DeviceUseStatement**: Search by subject - a patient
• **DiagnosticReport**: The subject of the report if a patient
• **DocumentManifest**: The subject of the set of documents
• **DocumentReference**: Who/what is the subject of the document
• **Encounter**: The patient or group present at the encounter
• **EpisodeOfCare**: The patient who is the focus of this episode of care
• **FamilyMemberHistory**: The identity of a subject to list family member history items for
• **Flag**: The identity of a subject to list flags for
• **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

_tag (optional)
(Query Parameter) — Tags applied to this resource

_has (optional)
(Query Parameter) — Return resources linked to by the given target

_source (optional)
(Query Parameter) — Identifies where the resource comes from

_id (optional)
(Query Parameter) — Logical id of this artifact

_text (optional)
(Query Parameter) — Search on the narrative of the resource

_content (optional)
(Query Parameter) — Search on the entire content of the resource

category (optional)
(Query Parameter) — E.g. Treatment, dietary, behavioral, etc.

target-date (optional)
(Query Parameter) — Reach goal on or before

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**
DELETE /Goal/{id}

instance-delete: Perform a logical delete on a resource instance (goalIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Goal/{id}/$expunge

(goalIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Goal/{id}

read-instance: Read Goal instance (goalIdGet)
Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Goal/{id}/_history

instance-history: Fetch the resource change history for all resources of type Goal (goalIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Goal/{id}/_history/{version_id}

vread-instance: Read Goal instance with specific version (goalIdHistoryVersionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

version_id (required)

Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
**POST /Goal/{id}/$meta-add**

**(goalIdMetaAddPost)**

Add tags, profiles, and/or security labels to a resource

**Path parameters**

id (required)

Path Parameter — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body object (optional)

Body Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

**POST /Goal/{id}/$meta-delete**

**(goalIdMetaDeletePost)**

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

id (required)

Path Parameter — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body object (optional)

Body Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object

---

**GET /Goal/{id}/$meta**

(goalIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Query parameters**

return (optional)

*Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object

---

**PATCH /Goal/{id}**

(instance-patch: Patch a resource instance of type Goal by ID (goalIdPatch))

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

*body object (optional)*

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PUT /Goal/{id}

update-instance: Update an existing Goal instance, or create using a client-assigned ID (goalIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Goal/{id}/$validate (goalIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Goal/$meta

(goalMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)

Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Goal

(create-type: Create a new Goal instance (goalPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

Body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
**GET /Goal/$validate**

*(goalValidateGet)*

**Query parameters**

- resource (optional)
  
- mode (optional)
  
- profile (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success 

---

**GraphDefinition**

**POST /GraphDefinition/$expunge**

*(graphDefinitionExpungePost)*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body 

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success 

---
GET /GraphDefinition

search-type: Search for GraphDefinition instances (graphDefinitionGet)

This is a search type

Query parameters

date (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: The capability statement publication date
- CodeSystem: The code system publication date
- CompartmentDefinition: The compartment definition publication date
- ConceptMap: The concept map publication date
- GraphDefinition: The graph definition publication date
- ImplementationGuide: The implementation guide publication date
- MessageDefinition: The message definition publication date
- NamingSystem: The naming system publication date
- OperationDefinition: The operation definition publication date
- SearchParameter: The search parameter publication date
- StructureDefinition: The structure definition publication date
- StructureMap: The structure map publication date
- TerminologyCapabilities: The terminology capabilities publication date
- ValueSet: The value set publication date

context-type-value (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: A use context type and value assigned to the capability statement
- CodeSystem: A use context type and value assigned to the code system
- CompartmentDefinition: A use context type and value assigned to the compartment definition
- ConceptMap: A use context type and value assigned to the concept map
- GraphDefinition: A use context type and value assigned to the graph definition
- ImplementationGuide: A use context type and value assigned to the implementation guide
- MessageDefinition: A use context type and value assigned to the message definition
- NamingSystem: A use context type and value assigned to the naming system
- OperationDefinition: A use context type and value assigned to the operation definition
- SearchParameter: A use context type and value assigned to the search parameter
- StructureDefinition: A use context type and value assigned to the structure definition
- StructureMap: A use context type and value assigned to the structure map
- TerminologyCapabilities: A use context type and value assigned to the terminology capabilities
- ValueSet: A use context type and value assigned to the value set

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: Intended jurisdiction for the capability statement
- CodeSystem: Intended jurisdiction for the code system
- ConceptMap: Intended jurisdiction for the concept map
- GraphDefinition: Intended jurisdiction for the graph definition
- ImplementationGuide: Intended jurisdiction for the implementation guide
- MessageDefinition: Intended jurisdiction for the message definition
- NamingSystem: Intended jurisdiction for the naming system
- OperationDefinition: Intended jurisdiction for the operation definition
- SearchParameter: Intended jurisdiction for the search parameter
- StructureDefinition: Intended jurisdiction for the structure definition
- StructureMap: Intended jurisdiction for the structure map
- TerminologyCapabilities: Intended jurisdiction for the terminology capabilities
ValueSet: Intended jurisdiction for the value set

_security (optional)
Query Parameter — Security Labels applied to this resource

start (optional)
Query Parameter — Type of resource at which the graph starts

description (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: The description of the capability statement
- CodeSystem: The description of the code system
- CompartmentDefinition: The description of the compartment definition
- ConceptMap: The description of the concept map
- GraphDefinition: The description of the graph definition
- ImplementationGuide: The description of the implementation guide
- MessageDefinition: The description of the message definition
- NamingSystem: The description of the naming system
- OperationDefinition: The description of the operation definition
- SearchParameter: The description of the search parameter
- StructureDefinition: The description of the structure definition
- StructureMap: The description of the structure map
- TerminologyCapabilities: The description of the terminology capabilities
- ValueSet: The description of the value set

context-type (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: A type of use context assigned to the capability statement
- CodeSystem: A type of use context assigned to the code system
- CompartmentDefinition: A type of use context assigned to the compartment definition
- ConceptMap: A type of use context assigned to the concept map
- GraphDefinition: A type of use context assigned to the graph definition
- ImplementationGuide: A type of use context assigned to the implementation guide
- MessageDefinition: A type of use context assigned to the message definition
- NamingSystem: A type of use context assigned to the naming system
- OperationDefinition: A type of use context assigned to the operation definition
- SearchParameter: A type of use context assigned to the search parameter
- StructureDefinition: A type of use context assigned to the structure definition
- StructureMap: A type of use context assigned to the structure map
- TerminologyCapabilities: A type of use context assigned to the terminology capabilities
- ValueSet: A type of use context assigned to the value set

version (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: The business version of the capability statement
- CodeSystem: The business version of the code system
- CompartmentDefinition: The business version of the compartment definition
- ConceptMap: The business version of the concept map
- GraphDefinition: The business version of the graph definition
- ImplementationGuide: The business version of the implementation guide
- MessageDefinition: The business version of the message definition
- OperationDefinition: The business version of the operation definition
- SearchParameter: The business version of the search parameter
- StructureDefinition: The business version of the structure definition
- StructureMap: The business version of the structure map
- TerminologyCapabilities: The business version of the terminology capabilities
- ValueSet: The business version of the value set

url (optional)
Query Parameter —
Multiple Resources:

- **CapabilityStatement**: The uri that identifies the capability statement
- **CodeSystem**: The uri that identifies the code system
- **CompartmentDefinition**: The uri that identifies the compartment definition
- **ConceptMap**: The uri that identifies the concept map
- **GraphDefinition**: The uri that identifies the graph definition
- **ImplementationGuide**: The uri that identifies the implementation guide
- **MessageDefinition**: The uri that identifies the message definition
- **OperationDefinition**: The uri that identifies the operation definition
- **SearchParameter**: The uri that identifies the search parameter
- **StructureDefinition**: The uri that identifies the structure definition
- **StructureMap**: The uri that identifies the structure map
- **TerminologyCapabilities**: The uri that identifies the terminology capabilities
- **ValueSet**: The uri that identifies the value set

_filter (optional)

*Query Parameter* — Search the contents of the resource's data using a filter

context-quantity (optional)

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: A quantity- or range-valued use context assigned to the capability statement
- **CodeSystem**: A quantity- or range-valued use context assigned to the code system
- **CompartmentDefinition**: A quantity- or range-valued use context assigned to the compartment definition
- **ConceptMap**: A quantity- or range-valued use context assigned to the concept map
- **GraphDefinition**: A quantity- or range-valued use context assigned to the graph definition
- **ImplementationGuide**: A quantity- or range-valued use context assigned to the implementation guide
- **MessageDefinition**: A quantity- or range-valued use context assigned to the message definition
- **NamingSystem**: A quantity- or range-valued use context assigned to the naming system
- **OperationDefinition**: A quantity- or range-valued use context assigned to the operation definition
- **SearchParameter**: A quantity- or range-valued use context assigned to the search parameter
- **StructureDefinition**: A quantity- or range-valued use context assigned to the structure definition
- **StructureMap**: A quantity- or range-valued use context assigned to the structure map
- **TerminologyCapabilities**: A quantity- or range-valued use context assigned to the terminology capabilities
- **ValueSet**: A quantity- or range-valued use context assigned to the value set

_profile (optional)

*Query Parameter* — Profiles this resource claims to conform to

_tag (optional)

*Query Parameter* — Tags applied to this resource

_has (optional)

*Query Parameter* — Return resources linked to by the given target

context (optional)

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: A use context assigned to the capability statement
- **CodeSystem**: A use context assigned to the code system
- **CompartmentDefinition**: A use context assigned to the compartment definition
- **ConceptMap**: A use context assigned to the concept map
- **GraphDefinition**: A use context assigned to the graph definition
- **ImplementationGuide**: A use context assigned to the implementation guide
- **MessageDefinition**: A use context assigned to the message definition
- **NamingSystem**: A use context assigned to the naming system
- **OperationDefinition**: A use context assigned to the operation definition
- **SearchParameter**: A use context assigned to the search parameter
- **StructureDefinition**: A use context assigned to the structure definition
- **StructureMap**: A use context assigned to the structure map
- **TerminologyCapabilities**: A use context assigned to the terminology capabilities
- **ValueSet**: A use context assigned to the value set
name (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Computationally friendly name of the capability statement
- **CodeSystem**: Computationally friendly name of the code system
- **CompartmentDefinition**: Computationally friendly name of the compartment definition
- **ConceptMap**: Computationally friendly name of the concept map
- **GraphDefinition**: Computationally friendly name of the graph definition
- **ImplementationGuide**: Computationally friendly name of the implementation guide
- **MessageDefinition**: Computationally friendly name of the message definition
- **OperationDefinition**: Computationally friendly name of the operation definition
- **SearchParameter**: Computationally friendly name of the search parameter
- **StructureDefinition**: Computationally friendly name of the structure definition
- **StructureMap**: Computationally friendly name of the structure map
- **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
- **ValueSet**: Computationally friendly name of the value set

publisher (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Name of the publisher of the capability statement
- **CodeSystem**: Name of the publisher of the code system
- **CompartmentDefinition**: Name of the publisher of the compartment definition
- **ConceptMap**: Name of the publisher of the concept map
- **GraphDefinition**: Name of the publisher of the graph definition
- **ImplementationGuide**: Name of the publisher of the implementation guide
- **MessageDefinition**: Name of the publisher of the message definition
- **NamingSystem**: Name of the publisher of the naming system
- **OperationDefinition**: Name of the publisher of the operation definition
- **SearchParameter**: Name of the publisher of the search parameter
- **StructureDefinition**: Name of the publisher of the structure definition
- **StructureMap**: Name of the publisher of the structure map
- **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
- **ValueSet**: Name of the publisher of the value set

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

custom-type-quantity (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A use context type and quantity- or range-based value assigned to the capability statement
- **CodeSystem**: A use context type and quantity- or range-based value assigned to the code system
- **CompartmentDefinition**: A use context type and quantity- or range-based value assigned to the compartment definition
- **ConceptMap**: A use context type and quantity- or range-based value assigned to the concept map
- **GraphDefinition**: A use context type and quantity- or range-based value assigned to the graph definition
- **ImplementationGuide**: A use context type and quantity- or range-based value assigned to the implementation guide
- **MessageDefinition**: A use context type and quantity- or range-based value assigned to the message definition
- **NamingSystem**: A use context type and quantity- or range-based value assigned to the naming system
- **OperationDefinition**: A use context type and quantity- or range-based value assigned to the operation definition
- **SearchParameter**: A use context type and quantity- or range-based value assigned to the search parameter
- **StructureDefinition**: A use context type and quantity- or range-based value assigned to the structure definition
- **StructureMap**: A use context type and quantity- or range-based value assigned to the structure map
- **TerminologyCapabilities**: A use context type and quantity- or range-based value assigned to the terminology capabilities
- **ValueSet**: A use context type and quantity- or range-based value assigned to the value set

**status (optional)**

*Query Parameter —*

**Multiple Resources:**

- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
- **SearchParameter**: The current status of the search parameter
- **StructureDefinition**: The current status of the structure definition
- **StructureMap**: The current status of the structure map
- **TerminologyCapabilities**: The current status of the terminology capabilities
- **ValueSet**: The current status of the value set

**Return type**

*Object*

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- `application/fhir+json`
- `application/fhir+xml`

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

**GET /GraphDefinition/_history**

`type-history`: Fetch the resource change history for all resources of type `GraphDefinition` ([graphDefinitionHistoryGet](#))

**Return type**

*Object*

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- `application/fhir+json`
- `application/fhir+xml`

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>
DELETE /GraphDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (graphDefinitionIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /GraphDefinition/{id}/$expunge

(graphDefinitionIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /GraphDefinition/{id}

read-instance: Read GraphDefinition instance (graphDefinitionIdGet)

Path parameters
id (required)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /GraphDefinition/{id}/_history

instance-history: Fetch the resource change history for all resources of type GraphDefinition (graphDefinitionIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /GraphDefinition/{id}/_history/{version_id}

vread-instance: Read GraphDefinition instance with specific version (graphDefinitionIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
POST /GraphDefinition/{id}/$meta-add
(graphDefinitionIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /GraphDefinition/{id}/$meta-delete
(graphDefinitionIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /GraphDefinition/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

- id (required)
  
  Path Parameter — The resource ID default: null

Query parameters

- return (optional)
  
  Query Parameter —

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
PUT /GraphDefinition/{id}

update-instance: Update an existing GraphDefinition instance, or create using a client-assigned ID (graphDefinitionIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /GraphDefinition/{id}/$validate

(graphDefinitionIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type

Object
**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

### GET /GraphDefinition/$meta

**(graphDefinitionMetaGet)**
Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- **return** (optional)

**Return type**
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

### POST /GraphDefinition

**create-type:** Create a new GraphDefinition instance **(graphDefinitionPost)**

**Consume**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body** **object** (optional)

**Return type**
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

https://10.2.2.41/api-doc/ 583/2148
GET /GraphDefinition/$validate

Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

Group

GET /Group/$export

Query parameters

- _outputFormat (optional)
  Query Parameter
- _type (optional)
  Query Parameter
- _since (optional)
  Query Parameter
- _typeFilter (optional)
  Query Parameter
- _mdm (optional)
  Query Parameter
- patient (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
### POST /Group/$expunge

(groupExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body object (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success Object

### GET /Group

search-type: Search for Group instances (groupGet)

This is a search type

**Query parameters**

- actual (optional)
  Query Parameter — Descriptive or actual

- identifier (optional)
  Query Parameter — Unique id

- managing-entity (optional)
  Query Parameter — Entity that is the custodian of the Group’s definition

- code (optional)
  Query Parameter — The kind of resources contained

- _lastUpdated (optional)
  Query Parameter — When the resource version last changed

- _security (optional)
  Query Parameter — Security Labels applied to this resource

- type (optional)
  Query Parameter — The type of resources the group contains

- characteristic (optional)
  Query Parameter — Kind of characteristic

- _filter (optional)
  Query Parameter — Search the contents of the resource’s data using a filter

- characteristic-value (optional)
  Query Parameter — A composite of both characteristic and value

- _profile (optional)
### Query Parameters

- **_tag (optional)**
  - Profiles this resource claims to conform to

- **_has (optional)**
  - Tags applied to this resource

- **_has (optional)**
  - Return resources linked to by the given target

- **member (optional)**
  - Reference to the group member

- **_source (optional)**
  - Identifies where the resource comes from

- **exclude (optional)**
  - Group includes or excludes

- **_id (optional)**
  - Logical id of this artifact

- **_text (optional)**
  - Search on the narrative of the resource

- **_content (optional)**
  - Search on the entire content of the resource

- **value (optional)**
  - Value held by characteristic

### Return type

**Object**

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

### GET /Group/_history

**type-history:** Fetch the resource change history for all resources of type Group (groupHistoryGet)

### Return type

**Object**

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

### DELETE /Group/{id}

**instance-delete:** Perform a logical delete on a resource instance (groupIdDelete)

### Path parameters

- **id (required)**
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Group/{id}/$export

(groupIdExportGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

_outputFormat (optional)
Query Parameter —

_type (optional)
Query Parameter —

_since (optional)
Query Parameter —

_typeFilter (optional)
Query Parameter —

_mdm (optional)
Query Parameter —

_patient (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Group/{id}/$expunge

(groupIdExpungePost)

Path parameters

id (required)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body `object` (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success

GET /Group/{id}

read-instance: Read Group instance (groupIdGet)

Path parameters
- id (required)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success

GET /Group/{id}/_history

instance-history: Fetch the resource change history for all resources of type Group (groupIdHistoryGet)

Path parameters
- id (required)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Group/{id}/_history/{version_id}

vread-instance: Read Group instance with specific version (groupIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Group/{id}/$meta-add

(groupIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /Group/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body object (optional)**
  - *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

GET /Group/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Query parameters**

- **return (optional)**
  - *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object
PATCH /Group/{id}

instance-patch: Patch a resource instance of type Group by ID (groupIdPatch)

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
   Body Parameter —

Return type
Object

PUT /Group/{id}

update-instance: Update an existing Group instance, or create using a client-assigned ID (groupIdPut)

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
   Body Parameter —

Return type
GET /Group/{id}/$validate

(pathIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Group/$meta

(groupMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
POST /Group

create-type: Create a new Group instance (groupPost)

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
  body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Group/$validate

(groupValidateGet)

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
# GuidanceResponse

## POST /GuidanceResponse/$expunge

((guidanceResponseExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
</tr>
</tbody>
</table>

## GET /GuidanceResponse

search-type: Search for GuidanceResponse instances (guidanceResponseGet)

This is a search type

**Query parameters**

- **identifier** (optional)
  - Query Parameter — The identifier of the guidance response
- **request** (optional)
  - Query Parameter — The identifier of the request associated with the response
- **subject** (optional)
  - Query Parameter — The subject that the guidance response is about
- **_lastUpdated** (optional)
  - Query Parameter — When the resource version last changed
- **_security** (optional)
  - Query Parameter — Security Labels applied to this resource
- **_filter** (optional)
  - Query Parameter — Search the contents of the resource's data using a filter
- **_profile** (optional)
  - Query Parameter — Profiles this resource claims to conform to
- **patient** (optional)
  - Query Parameter — The identity of a patient to search for guidance response results
- **_tag** (optional)
  - Query Parameter — Tags applied to this resource
- **_has** (optional)
  - Query Parameter — Return resources linked to by the given target
- **_source** (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /GuidanceResponse/_history

type-history: Fetch the resource change history for all resources of type GuidanceResponse (guidanceResponseHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /GuidanceResponse/{id}

instance-delete: Perform a logical delete on a resource instance (guidanceResponseldDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
POST /GuidanceResponse/{id}/$expunge

(guidanceResponseIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /GuidanceResponse/{id}

read-instance: Read GuidanceResponse instance (guidanceResponseGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /GuidanceResponse/{id}/_history

instance-history: Fetch the resource change history for all resources of type GuidanceResponse (guidanceResponseIdHistoryGet)
GET /GuidanceResponse/{id}/_history/{version_id}

vread-instance: Read GuidanceResponse instance with specific version (guidanceResponseldHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
**POST /GuidanceResponse/{id}/$meta-delete**

(guidanceResponseldMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)

  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success **Object**

---

**GET /GuidanceResponse/{id}$/meta**

(guidanceResponseldMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**
PATCH /GuidanceResponse/{id}

instance-patch: Patch a resource instance of type GuidanceResponse by ID (guidanceResponseldPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

PUT /GuidanceResponse/{id}

update-instance: Update an existing GuidanceResponse instance, or create using a client-assigned ID (guidanceResponseldPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

**body object (optional)**

Body Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /GuidanceResponse/{id}/$validate**

(guidanceResponseIdValidateGet)

**Path parameters**

**id (required)**

Path Parameter — The resource ID default: null

**Query parameters**

**resource (optional)**

Query Parameter —

**mode (optional)**

Query Parameter —

**profile (optional)**

Query Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /GuidanceResponse/$meta**

(guidanceResponseMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

---

https://10.2.2.41/api-doc/
POST /GuidanceResponse
create-type: Create a new GuidanceResponse instance (guidanceResponsePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /GuidanceResponse/$validate
(guidanceResponseValidateGet)

Query parameters
- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object
Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

HealthcareService

POST /HealthcareService/$expunge
(healthcareServiceExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /HealthcareService
search-type: Search for HealthcareService instances (healthcareServiceGet)

This is a search type

Query parameters

- identifier (optional)
Query Parameter — External identifiers for this item

- specialty (optional)
Query Parameter — The specialty of the service provided by this healthcare service

- service-category (optional)
Query Parameter — Service Category of the Healthcare Service

- _lastUpdated (optional)
Query Parameter — When the resource version last changed

- service-type (optional)
Query Parameter — The type of service provided by this healthcare service

- _security (optional)
Query Parameter — Security Labels applied to this resource
active (optional)
Query Parameter — The Healthcare Service is currently marked as active

program (optional)
Query Parameter — One of the Programs supported by this HealthcareService

characteristic (optional)
Query Parameter — One of the HealthcareService's characteristics

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

element (optional)
Query Parameter — Technical endpoints providing access to electronic services operated for the healthcare service

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

coverage-area (optional)
Query Parameter — Location(s) service is intended for/available to

_tag (optional)
Query Parameter — Tags applied to this resource

organization (optional)
Query Parameter — The organization that provides this Healthcare Service

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — A portion of the Healthcare service name

_source (optional)
Query Parameter — Identifies where the resource comes from

location (optional)
Query Parameter — The location of the Healthcare Service

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /HealthcareService/_history

fetch-resource-history: Fetch the resource change history for all resources of type HealthcareService (healthcareServiceHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /HealthcareService/{id}

instance-delete: Perform a logical delete on a resource instance (healthcareServiceIdDelete)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /HealthcareService/{id}/$expunge

(healthcareServiceIdExpungePost)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
### GET /HealthcareService/{id}

**read-instance:** Read HealthcareService instance *(healthcareServiceIdGet)*

**Path parameters**

<table>
<thead>
<tr>
<th>id (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Path Parameter</em> — The resource ID default: null</td>
</tr>
</tbody>
</table>

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success **Object**

### GET /HealthcareService/{id}/_history

**instance-history:** Fetch the resource change history for all resources of type HealthcareService *(healthcareServiceIdHistoryGet)*

**Path parameters**

<table>
<thead>
<tr>
<th>id (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Path Parameter</em> — The resource ID default: null</td>
</tr>
</tbody>
</table>

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success **Object**

### GET /HealthcareService/{id}/_history/{version_id}

**vread-instance:** Read HealthcareService instance with specific version *(healthcareServiceIdHistoryVersionIdGet)*

**Path parameters**

<table>
<thead>
<tr>
<th>id (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Path Parameter</em> — The resource ID default: null</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>version_id (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Path Parameter</em> — The resource version ID default: null</td>
</tr>
</tbody>
</table>

**Return type**
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /HealthcareService/{id}/$meta-add
(healthcareServiceIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /HealthcareService/{id}/$meta-delete
(healthcareServiceIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
GET /HealthcareService/{id}/$meta

(healthcareServiceIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

PATCH /HealthcareService/{id}

(instance-patch: Patch a resource instance of type HealthcareService by ID (healthcareServiceIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

https://10.2.2.41/api-doc/
PUT /HealthcareService/{id}

update-instance: Update an existing HealthcareService instance, or create using a client-assigned ID (healthcareServiceIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /HealthcareService/{id}/$validate

(healthcareServiceIdValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

Body Parameter —
resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

**Return type**
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**GET /HealthcareService/$meta**

(healthcareServiceMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

return (optional)
Query Parameter —

**Return type**
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**POST /HealthcareService**

create-type: Create a new HealthcareService instance (healthcareServicePost)

**Consume**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)
Body Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success [Object](#)

---

**GET /HealthcareService/$validate**

(healthcareServiceValidateGet)

**Query parameters**
- resource (optional)
  - Query Parameter —
- mode (optional)
  - Query Parameter —
- profile (optional)
  - Query Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success [Object](#)

---

**ImagingStudy**

**POST /ImagingStudy/$expunge**

(imagingStudyExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body [object](#) (optional)
  - Body Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /ImagingStudy

search-type: Search for ImagingStudy instances (imagingStudyGet)

This is a search type

Query parameters

reason (optional)
Query Parameter — The reason for the study

dicom-class (optional)
Query Parameter — The type of the instance

instance (optional)
Query Parameter — SOP Instance UID for an instance

modality (optional)
Query Parameter — The modality of the series

subject (optional)
Query Parameter — Who the study is about

_lastUpdated (optional)
Query Parameter — When the resource version last changed

endpoint (optional)
Query Parameter — The endpoint for the study or series

patient (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: Who the sensitivity is for
- CarePlan: Who the care plan is for
- CareTeam: Who care team is for
- ClinicalImpression: Patient or group assessed
- Composition: Who and/or what the composition is about
- Condition: Who has the condition?
- Consent: Who the consent applies to
- DetectedIssue: Associated patient
- DeviceRequest: Individual the service is ordered for
- DeviceUseStatement: Search by subject - a patient
- DiagnosticReport: The subject of the report if a patient
- DocumentManifest: The subject of the set of documents
- DocumentReference: Who/what is the subject of the document
- Encounter: The patient or group present at the encounter
- EpisodeOfCare: The patient who is the focus of this episode of care
- FamilyMemberHistory: The identity of a subject to list family member history items for
- Flag: The identity of a subject to list flags for
- Goal: Who this goal is intended for
- ImagingStudy: Who the study is about
- Immunization: The patient for the vaccination record
- List: If all resources have the same subject
- MedicationAdministration: The identity of a patient to list administrations for
- MedicationDispense: The identity of a patient to list dispenses for
- MedicationRequest: Returns prescriptions for a specific patient
- MedicationStatement: Returns statements for a specific patient.
- NutritionOrder: The identity of the person who requires the diet, formula or nutritional supplement
- Observation: The subject that the observation is about (if patient)
- Procedure: Search by subject - a patient
**RiskAssessment**: Who/what does assessment apply to?
**ServiceRequest**: Search by subject - a patient
**SupplyDelivery**: Patient for whom the item is supplied
**VisionPrescription**: The identity of a patient to list dispenses for

**identifier (optional)**
*Query Parameter* —

**Multiple Resources:**
- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External ids for this plan
- **CareTeam**: External ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business Identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**bodysite (optional)**
*Query Parameter* — The body site studied

**performer (optional)**
*Query Parameter* — The person who performed the study

**_security (optional)**
*Query Parameter* — Security Labels applied to this resource

**interpreter (optional)**
*Query Parameter* — Who interpreted the images

**started (optional)**
*Query Parameter* — When the study was started

**encounter (optional)**
*Query Parameter* — The context of the study

**_filter (optional)**
*Query Parameter* — Search the contents of the resource's data using a filter

**referrer (optional)**
*Query Parameter* — The referring physician

**_profile (optional)**
*Query Parameter* — Profiles this resource claims to conform to

**series (optional)**
*Query Parameter* — DICOM Series Instance UID for a series

**_tag (optional)**
*Query Parameter* — Tags applied to this resource

https://10.2.2.41/api-doc/
_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

basedon (optional)
Query Parameter — The order for the image

_status (optional)
Query Parameter — The status of the study

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /ImagingStudy/_history**

type-history: Fetch the resource change history for all resources of type ImagingStudy (**imagingStudyHistoryGet**)  

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**DELETE /ImagingStudy/{id}**

Instance-delete: Perform a logical delete on a resource instance (**imagingStudyIdDelete**)  

Path parameters

- **id (required)
Path Parameter** — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

POST /ImagingStudy/{id}/$expunge

(id.ImagingStudyIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /ImagingStudy/{id}

(read-instance: Read ImagingStudy instance (imagingStudyIdGet))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
GET /ImagingStudy/{id}/_history

instance-history: Fetch the resource change history for all resources of type ImagingStudy (imagingStudyIdHistoryGet)

Path parameters

- id (required)
  
  Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /ImagingStudy/{id}/_history/{version_id}

vread-instance: Read ImagingStudy instance with specific version (imagingStudyIdHistoryVersionIdGet)

Path parameters

- id (required)
  
  Path Parameter — The resource ID default: null

- version_id (required)
  
  Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

POST /ImagingStudy/{id}/$meta-add

(imagingStudyIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- id (required)
  
  Path Parameter — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ImagingStudy/{id}/$meta-delete
(imagingStudyIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImagingStudy/{id}/$meta
(imagingStudyIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance
Path parameters

Path parameters

<table>
<thead>
<tr>
<th>id (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Path Parameter — The resource ID default: null</td>
</tr>
</tbody>
</table>

Query parameters

Query parameters

<table>
<thead>
<tr>
<th>return (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Query Parameter —</td>
</tr>
</tbody>
</table>

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

---

**PATCH /ImagingStudy/{id}**

instance-patch: Patch a resource instance of type ImagingStudy by ID (imagingStudyIdPatch)

Path parameters

Path parameters

<table>
<thead>
<tr>
<th>id (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Path Parameter — The resource ID default: null</td>
</tr>
</tbody>
</table>

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

Request body

<table>
<thead>
<tr>
<th>body object (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body Parameter —</td>
</tr>
</tbody>
</table>

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

---

**PUT /ImagingStudy/{id}**

update-instance: Update an existing ImagingStudy instance, or create using a client-assigned ID (imagingStudyIdPut)

Path parameters

Path parameters

<table>
<thead>
<tr>
<th>id (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Path Parameter — The resource ID default: null</td>
</tr>
</tbody>
</table>
id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /ImagingStudy/{id}/$validate

(imagingStudyIdValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

  resource (optional)

Query Parameter —

  mode (optional)

Query Parameter —

  profile (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object
GET /ImagingStudy/$meta
(imagingStudyMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ImagingStudy
(create-type: Create a new ImagingStudy instance (imagingStudyPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImagingStudy/$validate
(imagingStudyValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
**Immunization**

### POST /Immunization/$expunge

*(immunizationExpungePost)*

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)
  
**Body Parameter —**

### Return type
Object

### Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /Immunization**

*search-type: Search for Immunization instances (immunizationGet)*

This is a search type

**Query parameters**

- **date** (optional)

  **Query Parameter —**

Multiple Resources:

- **AllergyIntolerance**: Date first version of the resource instance was recorded
- **CarePlan**: Time period plan covers
- **CareTeam**: Time period team covers
- **ClinicalImpression**: When the assessment was documented
- **Composition**: Composition editing time
- **Consent**: When this Consent was created or indexed
- **DiagnosticReport**: The clinically relevant time of the report
- **Encounter**: A date within the period the Encounter lasted
- **EpisodeOfCare**: The provided date search value falls within the episode of care's period
- **FamilyMemberHistory**: When history was recorded or last updated
- **Flag**: Time period when flag is active
- **Immunization**: Vaccination (non)-Administration Date
- **List**: When the list was prepared
- **Observation**: Obtained date/time. If the obtained element is a period, a date that falls in the period
- **Procedure**: When the procedure was performed
- **RiskAssessment**: When was assessment made?
- **SupplyRequest**: When the request was made

**lot-number (optional)**
*Query Parameter* — Vaccine Lot Number

**_lastUpdated (optional)**
*Query Parameter* — When the resource version last changed

**status-reason (optional)**
*Query Parameter* — When the resource version last changed

**reason-code (optional)**
*Query Parameter* — Reason why the vaccine was administered

**manufacturer (optional)**
*Query Parameter* — Vaccine Manufacturer

**patient (optional)**
*Query Parameter* —

**Multiple Resources:**
- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for
reaction-date (optional)
Query Parameter — When reaction started

identifier (optional)
Query Parameter —

Multiple Resources:
- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External ids for this plan
- **CareTeam**: External ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External Identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

performer (optional)
Query Parameter — The practitioner or organization who played a role in the vaccination

reaction (optional)
Query Parameter — Additional information on reaction

_security (optional)
Query Parameter — Security Labels applied to this resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

target-disease (optional)
Query Parameter — The target disease the dose is being administered against

series (optional)
Query Parameter — The series being followed by the provider

_tag (optional)
Query Parameter — Tags applied to this resource

code (optional)
Query Parameter — Vaccine Product Administered

_has (optional)
Query Parameter — Return resources linked to by the given target

reason-reference (optional)
Query Parameter — Why immunization occurred
_source (optional)
Query Parameter — Identifies where the resource comes from

location (optional)
Query Parameter — The service delivery location or facility in which the vaccine was / was to be administered

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — Immunization event status

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /Immunization/_history

type-history: Fetch the resource change history for all resources of type Immunization (immunizationHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

DELETE /Immunization/{id}

instance-delete: Perform a logical delete on a resource instance (immunizationIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /Immunization/{id}$/expunge

(immunizationIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Immunization/{id}

read-instance: Read Immunization instance (immunizationIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
GET /Immunization/{id}/_history

instance-history: Fetch the resource change history for all resources of type Immunization (immunizationIdHistoryGet)

Path parameters

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

---

GET /Immunization/{id}/_history/{version_id}

vread-instance: Read Immunization instance with specific version (immunizationIdHistoryVersionIdGet)

Path parameters

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

- **version_id** (required)
  
  *Path Parameter* — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

---

POST /Immunization/{id}/$meta-add

(immunizationIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id** (required)
  
  *Path Parameter* — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Immunization/{id}$/meta-delete

(immunizationIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Immunization/{id}$/meta

(immunizationIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance
Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Immunization/{id}
instance-patch: Patch a resource instance of type Immunization by ID (immunizationIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /Immunization/{id}
update-instance: Update an existing Immunization instance, or create using a client-assigned ID (immunizationIdPut)

Path parameters
GET /Immunization/{id}/$validate

(id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Immunization/{id}/$validate

(id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Immunization/$meta

(immunizationMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Immunization

(create-type: Create a new Immunization instance (immunizationPost))

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Immunization/$validate

(immunizationValidateGet)

Query parameters

- resource (optional)
  Query Parameter —

- mode (optional)
ImmunizationEvaluation

POST /ImmunizationEvaluation/$expunge

(immunizationEvaluationExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImmunizationEvaluation

search-type: Search for ImmunizationEvaluation instances (immunizationEvaluationGet)

This is a search type

Query parameters

date (optional)
Query Parameter — Date the evaluation was generated

identifier (optional)
Query Parameter — ID of the evaluation

_lastUpdated (optional)
Query Parameter — When the resource version last changed
_security (optional)
Query Parameter — Security Labels applied to this resource

dose-status (optional)
Query Parameter — The status of the dose relative to published recommendations

immunization-event (optional)
Query Parameter — The vaccine administration event being evaluated

_filter (optional)
Query Parameter — Search the contents of the resource’s data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

target-disease (optional)
Query Parameter — The vaccine preventable disease being evaluated against

patient (optional)
Query Parameter — The patient being evaluated

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — Immunization evaluation status

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
DELETE /ImmunizationEvaluation/{id}

instance-delete: Perform a logical delete on a resource instance (immunizationEvaluationIdDelete)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /ImmunizationEvaluation/{id}/$expunge

(immunizationEvaluationIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ImmunizationEvaluation/{id}
read-instance: Read ImmunizationEvaluation instance (immunizationEvaluationIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImmunizationEvaluation/{id}/_history

instance-history: Fetch the resource change history for all resources of type ImmunizationEvaluation (immunizationEvaluationIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImmunizationEvaluation/{id}/_history/{version_id}
vread-instance: Read ImmunizationEvaluation instance with specific version (immunizationEvaluationIdHistoryVersionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

version_id (required)

Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
POST /ImmunizationEvaluation/{id}/$meta-add

(immunizationEvaluationIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /ImmunizationEvaluation/{id}/$meta-delete

(immunizationEvaluationIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImmunizationEvaluation/{id}/$meta

(immunizationEvaluationIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /ImmunizationEvaluation/{id}

(instance-patch: Patch a resource instance of type ImmunizationEvaluation by ID (immunizationEvaluationIdPatch)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success [Object](https://10.2.2.41/api-doc/)

**PUT /ImmunizationEvaluation/{id}**

update-instance: Update an existing ImmunizationEvaluation instance, or create using a client-assigned ID (immunizationEvaluationIdPut)

**Path parameters**

- id (required)
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body [object](https://10.2.2.41/api-doc/) (optional)
  *Body Parameter* —

**Return type**

Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success [Object](https://10.2.2.41/api-doc/)

**GET /ImmunizationEvaluation/{id}/$validate**

(immunizationEvaluationIdValidateGet)

**Path parameters**

- id (required)
  *Path Parameter* — The resource ID default: null

**Query parameters**

- resource (optional)
  *Query Parameter* —

- mode (optional)
  *Query Parameter* —
**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**GET /ImmunizationEvaluation/$meta**
(immunizationEvaluationMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- **return** (optional)
  
**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**POST /ImmunizationEvaluation**
(create-type: Create a new ImmunizationEvaluation instance (immunizationEvaluationPost))

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body** **object** (optional)
  
**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /ImmunizationEvaluation/$validate

(immunizationEvaluationValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

ImmunizationRecommendation

POST /ImmunizationRecommendation/$expunge

(immunizationRecommendationExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /ImmunizationRecommendation

search-type: Search for ImmunizationRecommendation instances (ImmunizationRecommendationGet)

This is a search type

Query parameters

date (optional)
Query Parameter — Date recommendation(s) created

identifier (optional)
Query Parameter — Business identifier

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

vaccine-type (optional)
Query Parameter — Vaccine or vaccine group recommendation applies to

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

target-disease (optional)
Query Parameter — Disease to be immunized against

patient (optional)
Query Parameter — Who this profile is for

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

information (optional)
Query Parameter — Patient observations supporting recommendation

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

support (optional)
Query Parameter — Past immunizations supporting recommendation

status (optional)
Query Parameter — Vaccine recommendation status

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
Responses
200
Success Object

GET /ImmunizationRecommendation/_history

type-history: Fetch the resource change history for all resources of type ImmunizationRecommendation (ImmunizationRecommendationHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /ImmunizationRecommendation/{id}

instance-delete: Perform a logical delete on a resource instance (immunizationRecommendationIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ImmunizationRecommendation/{id}$/expunge

(immunizationRecommendationIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

https://10.2.2.41/api-doc/
Body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImmunizationRecommendation/{id}

read-instance: Read ImmunizationRecommendation instance (immunizationRecommendationIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImmunizationRecommendation/{id}/_history

instance-history: Fetch the resource change history for all resources of type ImmunizationRecommendation (immunizationRecommendationIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET `/ImmunizationRecommendation/{id}/_history/{version_id}`

vread-instance: Read ImmunizationRecommendation instance with specific version
(immunizationRecommendationIdHistoryVersionIdGet)

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

- **version_id (required)**
  
  *Path Parameter* — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**

---

POST `/ImmunizationRecommendation/{id}/$meta-add`

(immunizationRecommendationIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body object (optional)**
  
  *Body Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**
POST /ImmunizationRecommendation/{id}/$meta-delete

(immunizationRecommendationIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImmunizationRecommendation/{id}/$meta

(immunizationRecommendationIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
PATCH /ImmunizationRecommendation/{id}

instance-patch: Patch a resource instance of type ImmunizationRecommendation by ID (immunizationRecommendationIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /ImmunizationRecommendation/{id}

update-instance: Update an existing ImmunizationRecommendation instance, or create using a client-assigned ID (immunizationRecommendationIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /ImmunizationRecommendation/{id}/$validate

(immunizationRecommendationIdValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ImmunizationRecommendation/$meta

(immunizationRecommendationMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
**POST /ImmunizationRecommendation**

create-type: Create a new ImmunizationRecommendation instance (`immunizationRecommendationPost`)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)

*Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success Object

---

**GET /ImmunizationRecommendation/$validate**

(immunizationRecommendationValidateGet)

**Query parameters**

resource (optional)

*Query Parameter* —

mode (optional)

*Query Parameter* —

profile (optional)

*Query Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success Object

---

**ImplementationGuide**

**POST /ImplementationGuide/$expunge**

(implementationGuideExpungePost)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  
Success Object

GET /ImplementationGuide

search-type: Search for ImplementationGuide instances (implementationGuideGet)

This is a search type

Query parameters

date (optional) 
Query Parameter —

Multiple Resources:

- CapabilityStatement: The capability statement publication date
- CodeSystem: The code system publication date
- CompartmentDefinition: The compartment definition publication date
- ConceptMap: The concept map publication date
- GraphDefinition: The graph definition publication date
- ImplementationGuide: The implementation guide publication date
- MessageDefinition: The message definition publication date
- NamingSystem: The naming system publication date
- OperationDefinition: The operation definition publication date
- SearchParameter: The search parameter publication date
- StructureDefinition: The structure definition publication date
- StructureMap: The structure map publication date
- TerminologyCapabilities: The terminology capabilities publication date
- ValueSet: The value set publication date

category-type-value (optional) 
Query Parameter —

Multiple Resources:

- CapabilityStatement: A use context type and value assigned to the capability statement
- CodeSystem: A use context type and value assigned to the code system
- CompartmentDefinition: A use context type and value assigned to the compartment definition
- ConceptMap: A use context type and value assigned to the concept map
- GraphDefinition: A use context type and value assigned to the graph definition
- ImplementationGuide: A use context type and value assigned to the implementation guide
- MessageDefinition: A use context type and value assigned to the message definition
- NamingSystem: A use context type and value assigned to the naming system
- OperationDefinition: A use context type and value assigned to the operation definition
- SearchParameter: A use context type and value assigned to the search parameter
- **StructureDefinition**: A use context type and value assigned to the structure definition
- **StructureMap**: A use context type and value assigned to the structure map
- **TerminologyCapabilities**: A use context type and value assigned to the terminology capabilities
- **ValueSet**: A use context type and value assigned to the value set

_lastUpdated (optional)
*Query Parameter* — When the resource version last changed

jurisdiction (optional)
*Query Parameter* —

Multiple Resources:
- **CapabilityStatement**: Intended jurisdiction for the capability statement
- **CodeSystem**: Intended jurisdiction for the code system
- **ConceptMap**: Intended jurisdiction for the concept map
- **GraphDefinition**: Intended jurisdiction for the graph definition
- **ImplementationGuide**: Intended jurisdiction for the implementation guide
- **MessageDefinition**: Intended jurisdiction for the message definition
- **NamingSystem**: Intended jurisdiction for the naming system
- **OperationDefinition**: Intended jurisdiction for the operation definition
- **SearchParameter**: Intended jurisdiction for the search parameter
- **StructureDefinition**: Intended jurisdiction for the structure definition
- **StructureMap**: Intended jurisdiction for the structure map
- **TerminologyCapabilities**: Intended jurisdiction for the terminology capabilities
- **ValueSet**: Intended jurisdiction for the value set

description (optional)
*Query Parameter* —

Multiple Resources:
- **CapabilityStatement**: The description of the capability statement
- **CodeSystem**: The description of the code system
- **CompartmentDefinition**: The description of the compartment definition
- **ConceptMap**: The description of the concept map
- **GraphDefinition**: The description of the graph definition
- **ImplementationGuide**: The description of the implementation guide
- **MessageDefinition**: The description of the message definition
- **NamingSystem**: The description of the naming system
- **OperationDefinition**: The description of the operation definition
- **SearchParameter**: The description of the search parameter
- **StructureDefinition**: The description of the structure definition
- **StructureMap**: The description of the structure map
- **TerminologyCapabilities**: The description of the terminology capabilities
- **ValueSet**: The description of the value set

context-type (optional)
*Query Parameter* —

Multiple Resources:
- **CapabilityStatement**: A type of use context assigned to the capability statement
- **CodeSystem**: A type of use context assigned to the code system
- **CompartmentDefinition**: A type of use context assigned to the compartment definition
- **ConceptMap**: A type of use context assigned to the concept map
- **GraphDefinition**: A type of use context assigned to the graph definition
- **ImplementationGuide**: A type of use context assigned to the implementation guide
- **MessageDefinition**: A type of use context assigned to the message definition
- **NamingSystem**: A type of use context assigned to the naming system
- **OperationDefinition**: A type of use context assigned to the operation definition
- **SearchParameter**: A type of use context assigned to the search parameter
- **StructureDefinition**: A type of use context assigned to the structure definition
- **StructureMap**: A type of use context assigned to the structure map
- **TerminologyCapabilities**: A type of use context assigned to the terminology capabilities
- **ValueSet**: A type of use context assigned to the value set

experimental (optional)
Query Parameter — For testing purposes, not real usage

global (optional)
Query Parameter — Profile that all resources must conform to

title (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The human-friendly name of the capability statement
- **CodeSystem**: The human-friendly name of the code system
- **ConceptMap**: The human-friendly name of the concept map
- **ImplementationGuide**: The human-friendly name of the implementation guide
- **MessageDefinition**: The human-friendly name of the message definition
- **OperationDefinition**: The human-friendly name of the operation definition
- **StructureDefinition**: The human-friendly name of the structure definition
- **StructureMap**: The human-friendly name of the structure map
- **TerminologyCapabilities**: The human-friendly name of the terminology capabilities
- **ValueSet**: The human-friendly name of the value set

context-quantity (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A quantity- or range-valued use context assigned to the capability statement
- **CodeSystem**: A quantity- or range-valued use context assigned to the code system
- **CompartmentDefinition**: A quantity- or range-valued use context assigned to the compartment definition
- **ConceptMap**: A quantity- or range-valued use context assigned to the concept map
- **GraphDefinition**: A quantity- or range-valued use context assigned to the graph definition
- **ImplementationGuide**: A quantity- or range-valued use context assigned to the implementation guide
- **MessageDefinition**: A quantity- or range-valued use context assigned to the message definition
- **NamingSystem**: A quantity- or range-valued use context assigned to the naming system
- **OperationDefinition**: A quantity- or range-valued use context assigned to the operation definition
- **SearchParameter**: A quantity- or range-valued use context assigned to the search parameter
- **StructureDefinition**: A quantity- or range-valued use context assigned to the structure definition
- **StructureMap**: A quantity- or range-valued use context assigned to the structure map
- **TerminologyCapabilities**: A quantity- or range-valued use context assigned to the terminology capabilities
- **ValueSet**: A quantity- or range-valued use context assigned to the value set

depends-on (optional)
Query Parameter — Identity of the IG that this depends on

context (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A use context assigned to the capability statement
- **CodeSystem**: A use context assigned to the code system
- **CompartmentDefinition**: A use context assigned to the compartment definition
- **ConceptMap**: A use context assigned to the concept map
- **GraphDefinition**: A use context assigned to the graph definition
- **ImplementationGuide**: A use context assigned to the implementation guide
- **MessageDefinition**: A use context assigned to the message definition
- **NamingSystem**: A use context assigned to the naming system
- **OperationDefinition**: A use context assigned to the operation definition
- **SearchParameter**: A use context assigned to the search parameter
- **StructureDefinition**: A use context assigned to the structure definition
- **StructureMap**: A use context assigned to the structure map
- **TerminologyCapabilities**: A use context assigned to the terminology capabilities
- **ValueSet**: A use context assigned to the value set

context-type-quantity (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A use context type and quantity- or range-based value assigned to the capability statement
- **CodeSystem**: A use context type and quantity- or range-based value assigned to the code system
- **CompartmentDefinition**: A use context type and quantity- or range-based value assigned to the compartment definition
- **ConceptMap**: A use context type and quantity- or range-based value assigned to the concept map
- **GraphDefinition**: A use context type and quantity- or range-based value assigned to the graph definition
- **ImplementationGuide**: A use context type and quantity- or range-based value assigned to the implementation guide
- **MessageDefinition**: A use context type and quantity- or range-based value assigned to the message definition
- **NamingSystem**: A use context type and quantity- or range-based value assigned to the naming system
- **OperationDefinition**: A use context type and quantity- or range-based value assigned to the operation definition
- **SearchParameter**: A use context type and quantity- or range-based value assigned to the search parameter
- **StructureDefinition**: A use context type and quantity- or range-based value assigned to the structure definition
- **StructureMap**: A use context type and quantity- or range-based value assigned to the structure map
- **TerminologyCapabilities**: A use context type and quantity- or range-based value assigned to the terminology capabilities
- **ValueSet**: A use context type and quantity- or range-based value assigned to the value set

**resource (optional)**
Query Parameter — Location of the resource

**_security (optional)**
Query Parameter — Security Labels applied to this resource

**version (optional)**
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The business version of the capability statement
- **CodeSystem**: The business version of the code system
- **CompartmentDefinition**: The business version of the compartment definition
- **ConceptMap**: The business version of the concept map
- **GraphDefinition**: The business version of the graph definition
- **ImplementationGuide**: The business version of the implementation guide
- **MessageDefinition**: The business version of the message definition
- **OperationDefinition**: The business version of the operation definition
- **SearchParameter**: The business version of the search parameter
- **StructureDefinition**: The business version of the structure definition
- **StructureMap**: The business version of the structure map
- **TerminologyCapabilities**: The business version of the terminology capabilities
- **ValueSet**: The business version of the value set

**url (optional)**
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The uri that identifies the capability statement
- **CodeSystem**: The uri that identifies the code system
- **CompartmentDefinition**: The uri that identifies the compartment definition
- **ConceptMap**: The uri that identifies the concept map
- **GraphDefinition**: The uri that identifies the graph definition
- **ImplementationGuide**: The uri that identifies the implementation guide
- **MessageDefinition**: The uri that identifies the message definition
- **OperationDefinition**: The uri that identifies the operation definition
- **SearchParameter**: The uri that identifies the search parameter
- **StructureDefinition**: The uri that identifies the structure definition
- **StructureMap**: The uri that identifies the structure map
- **TerminologyCapabilities**: The uri that identifies the terminology capabilities
- **ValueSet**: The uri that identifies the value set

_**filter** (optional)_
**Query Parameter** — Search the contents of the resource's data using a filter

_**profile** (optional)_
**Query Parameter** — Profiles this resource claims to conform to

_**tag** (optional)_
**Query Parameter** — Tags applied to this resource

_**has** (optional)_
**Query Parameter** — Return resources linked to by the given target

_**name** (optional)_
**Query Parameter** —

Multiple Resources:

- **CapabilityStatement**: Computationally friendly name of the capability statement
- **CodeSystem**: Computationally friendly name of the code system
- **CompartmentDefinition**: Computationally friendly name of the compartment definition
- **ConceptMap**: Computationally friendly name of the concept map
- **GraphDefinition**: Computationally friendly name of the graph definition
- **ImplementationGuide**: Computationally friendly name of the implementation guide
- **MessageDefinition**: Computationally friendly name of the message definition
- **NamingSystem**: Computationally friendly name of the naming system
- **OperationDefinition**: Computationally friendly name of the operation definition
- **SearchParameter**: Computationally friendly name of the search parameter
- **StructureDefinition**: Computationally friendly name of the structure definition
- **StructureMap**: Computationally friendly name of the structure map
- **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
- **ValueSet**: Computationally friendly name of the value set

_**publisher** (optional)_
**Query Parameter** —

Multiple Resources:

- **CapabilityStatement**: Name of the publisher of the capability statement
- **CodeSystem**: Name of the publisher of the code system
- **CompartmentDefinition**: Name of the publisher of the compartment definition
- **ConceptMap**: Name of the publisher of the concept map
- **GraphDefinition**: Name of the publisher of the graph definition
- **ImplementationGuide**: Name of the publisher of the implementation guide
- **MessageDefinition**: Name of the publisher of the message definition
- **NamingSystem**: Name of the publisher of the naming system
- **OperationDefinition**: Name of the publisher of the operation definition
- **SearchParameter**: Name of the publisher of the search parameter
- **StructureDefinition**: Name of the publisher of the structure definition
- **StructureMap**: Name of the publisher of the structure map
- **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
- **ValueSet**: Name of the publisher of the value set

_**source** (optional)_
**Query Parameter** — Identifies where the resource comes from

_**id** (optional)_
**Query Parameter** — Logical id of this artifact

_**text** (optional)_
**Query Parameter** — Search on the narrative of the resource

_**content** (optional)_
**Query Parameter** — Search on the entire content of the resource

_**status** (optional)_
**Query Parameter** —
Multiple Resources:

- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
- **SearchParameter**: The current status of the search parameter
- **StructureDefinition**: The current status of the structure definition
- **StructureMap**: The current status of the structure map
- **TerminologyCapabilities**: The current status of the terminology capabilities
- **ValueSet**: The current status of the value set

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /ImplementationGuide/_history**

Type-history: Fetch the resource change history for all resources of type ImplementationGuide (ImplementationGuideHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**DELETE /ImplementationGuide/{id}**

Instance-delete: Perform a logical delete on a resource instance (ImplementationGuideIdDelete)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ImplementationGuide/{id}/$expunge
(implementationGuidedExpungePost)

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
   Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImplementationGuide/{id}
(read-instance: Read ImplementationGuide instance (implementationGuideldGet))

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /ImplementationGuide/{id}/_history

instance-history: Fetch the resource change history for all resources of type ImplementationGuide (implementationGuideIdHistoryGet)

Path parameters
- id (required)
  - Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ImplementationGuide/{id}/_history/{version_id}

vread-instance: Read ImplementationGuide instance with specific version (implementationGuideIdHistoryVersionIdGet)

Path parameters
- id (required)
  - Path Parameter — The resource ID default: null
- version_id (required)
  - Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ImplementationGuide/{id}/$meta-add

(implementationGuideIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters
- id (required)
  - Path Parameter — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /ImplementationGuide/{id}/$meta-delete
(implementationGuideldMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ImplementationGuide/{id}/$meta
(implementationGuideldMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance
Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PATCH /ImplementationGuide/{id}

instance-patch: Patch a resource instance of type ImplementationGuide by ID (implementationGuideldPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PUT /ImplementationGuide/{id}

update-instance: Update an existing ImplementationGuide instance, or create using a client-assigned ID (implementationGuideldPut)
Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /ImplementationGuide/{id}/$validate

(pathImplementationGuideldValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
GET /ImplementationGuide/$meta

(implementationGuideMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /ImplementationGuide

create-type: Create a new ImplementationGuide instance (implementationGuidePost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ImplementationGuide/$validate

(implementationGuideValidateGet)

Query parameters

resource (optional)

Query Parameter —

mode (optional)
**Query Parameter** —

**profile** (optional)

**Query Parameter** —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**InsurancePlan**

**POST** /InsurancePlan/$expunge

(insurancePlanExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

**body** **object** (optional)

**Body Parameter** —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET** /InsurancePlan

(search-type: Search for InsurancePlan instances (insurancePlanGet))

This is a search type

**Query parameters**

- **identifier** (optional)
  - **Query Parameter** — Any identifier for the organization (not the accreditation issuer's identifier)

- **address** (optional)
  - **Query Parameter** — A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text

- **address-state** (optional)
Query Parameter — A state specified in an address

owned-by (optional)
Query Parameter — An organization of which this organization forms a part

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

type (optional)
Query Parameter — A code for the type of organization

address-postalcode (optional)
Query Parameter — A postal code specified in an address

address-country (optional)
Query Parameter — A country specified in an address

administered-by (optional)
Query Parameter — Product administrator

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

domain (optional)
Query Parameter — Technical endpoint

phonetic (optional)
Query Parameter — A portion of the organization's name using some kind of phonetic matching algorithm

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

address-use (optional)
Query Parameter — A use code specified in an address

name (optional)
Query Parameter — A portion of the organization's name or alias

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

address-city (optional)
Query Parameter — A city specified in an address

status (optional)
Query Parameter — Is the Organization record active

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /InsurancePlan/_history

**type-history**: Fetch the resource change history for all resources of type InsurancePlan (insurancePlanHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

DELETE /InsurancePlan/{id}

**instance-delete**: Perform a logical delete on a resource instance (insurancePlanIdDelete)

**Path parameters**
- id (required)
  
  **Path Parameter** — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

POST /InsurancePlan/{id}/$expunge

(insurancePlanIdExpungePost)

**Path parameters**
- id (required)
  
  **Path Parameter** — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**
- body **object** (optional)

https://10.2.2.41/api-doc/
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /InsurancePlan/{id}

read-instance: Read InsurancePlan instance (insurancePlanIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /InsurancePlan/{id}/_history

instance-history: Fetch the resource change history for all resources of type InsurancePlan (insurancePlanIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /InsurancePlan/{id}/_history/{version_id}

Path parameters

id (required)
  Path Parameter — The resource ID default: null

version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /InsurancePlan/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /InsurancePlan/{id}/$meta-delete

Add tags, profiles, and/or security labels to a resource
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
*Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body *object* (optional)
*Body Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success *Object*

GET /InsurancePlan/{id}/$meta

*(insurancePlanIdMetaGet)*
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
*Path Parameter* — The resource ID default: null

Query parameters

return (optional)
*Query Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success *Object*

PATCH /InsurancePlan/{id}

*(insurancePlanIdPatch)*
Instance-patch: Patch a resource instance of type InsurancePlan by ID
PUT /InsurancePlan/{id}  
update-instance: Update an existing InsurancePlan instance, or create using a client-assigned ID (insurancePlanIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object
GET /InsurancePlan/{id}/$validate

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /InsurancePlan/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /InsurancePlan

create-type: Create a new InsurancePlan instance (insurancePlanPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body *object* (optional)

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success *Object*

---

**GET /InsurancePlan/$validate**

(insurancePlanValidateGet)

**Query parameters**

- resource (optional)
- mode (optional)
- profile (optional)

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success *Object*

---

**Invoice**

**POST /Invoice/$expunge**

(invoiceExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

body **object** (optional)

*Body Parameter —*

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

**GET /Invoice**

search-type: Search for Invoice instances (**invoiceGet**)  

This is a search type

Query parameters

- **date** (optional)
  *Query Parameter — Invoice date / posting date*

- **identifier** (optional)
  *Query Parameter — Business Identifier for item*

- **totalgross** (optional)
  *Query Parameter — Gross total of this Invoice*

- **participant-role** (optional)
  *Query Parameter — Type of involvement in creation of this Invoice*

- **subject** (optional)
  *Query Parameter — Recipient(s) of goods and services*

- **_lastUpdated** (optional)
  *Query Parameter — When the resource version last changed*

- **_security** (optional)
  *Query Parameter — Security Labels applied to this resource*

- **type** (optional)
  *Query Parameter — Type of Invoice*

- **issuer** (optional)
  *Query Parameter — Issuing Organization of Invoice*

- **participant** (optional)
  *Query Parameter — Individual who was involved*

- **totalnet** (optional)
  *Query Parameter — Net total of this Invoice*

- **_filter** (optional)
  *Query Parameter — Search the contents of the resource’s data using a filter*

- **_profile** (optional)
  *Query Parameter — Profiles this resource claims to conform to*

- **patient** (optional)
  *Query Parameter — Recipient(s) of goods and services*

- **_tag** (optional)
  *Query Parameter — Tags applied to this resource*

- **_has** (optional)
HAPI FHIR Server

GET /Invoice/_history

query-history: Fetch the resource change history for all resources of type Invoice (invoiceHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

DELETE /Invoice/{id}

instance-delete: Perform a logical delete on a resource instance (invoiceIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

Query Parameter — Return resources linked to by the given target recipient (optional)
Query Parameter — Recipient of this invoice

_path (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_context (optional)
Query Parameter — Search on the entire content of the resource

account (optional)
Query Parameter — Account that is being balanced

status (optional)
Query Parameter — draft | issued | balanced | cancelled | entered-in-error
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

POST /Invoice/{id}/$expunge

(invoiceIdExpungePost)

Path parameters
id (required)
*Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body **object** (optional)
*Body Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

GET /Invoice/{id}

read-instance: Read Invoice instance (**invoiceIdGet**)

Path parameters
id (required)
*Path Parameter* — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /Invoice/{id}/_history

instance-history: Fetch the resource change history for all resources of type Invoice (invoiceIdHistoryGet)

Path parameters

id (required)
   Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Invoice/{id}/_history/{version_id}

vread-instance: Read Invoice instance with specific version (invoiceIdHistoryVersionIdGet)

Path parameters

id (required)
   Path Parameter — The resource ID default: null

version_id (required)
   Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /Invoice/{id}$/meta-add

(invoiceIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
POST /Invoice/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

---

**PATCH /Invoice/{id}**

instance-patch: Patch a resource instance of type Invoice by ID (invoiceIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

---

**PUT /Invoice/{id}**

update-instance: Update an existing Invoice instance, or create using a client-assigned ID (invoiceIdPut)
Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

*body object (optional)*

*Body Parameter — * 

Return type

*Object*

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success *Object*

```
GET /Invoice/{id}/$validate

(invoiceIdValidateGet)
```

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Query parameters

resource (optional)

*Query Parameter — *

mode (optional)

*Query Parameter — *

profile (optional)

*Query Parameter — *

Return type

*Object*

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success *Object*
### GET /Invoice/$meta

*(invoiceMetaGet)*

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>return</code></td>
<td>(optional)</td>
</tr>
</tbody>
</table>

**Return type**  
Object

**Produces**  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**  
200 Success *Object*

### POST /Invoice

*create-type: Create a new Invoice instance (invoicePost)*

**Consumes**  
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>body</code></td>
<td>object (optional)</td>
</tr>
</tbody>
</table>

**Return type**  
Object

**Produces**  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**  
200 Success *Object*

### GET /Invoice/$validate

*(invoiceValidateGet)*

**Query parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>resource</code></td>
<td>(optional)</td>
</tr>
<tr>
<td><code>mode</code></td>
<td>(optional)</td>
</tr>
</tbody>
</table>

**Returns**

200 Success *Object*
Library

POST /Library/$expunge

(libraryExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Library

search-type: Search for Library instances (libraryGet)

This is a search type

Query parameters
- date (optional)
  Query Parameter — The library publication date
- successor (optional)
  Query Parameter — What resource is being referenced
- context-type-value (optional)
  Query Parameter — A use context type and value assigned to the library

https://10.2.2.41/api-doc/
lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter — Intended jurisdiction for the library

derived-from (optional)
Query Parameter — What resource is being referenced

description (optional)
Query Parameter — The description of the library

context-type (optional)
Query Parameter — A type of use context assigned to the library

predecessor (optional)
Query Parameter — What resource is being referenced

composed-of (optional)
Query Parameter — What resource is being referenced

title (optional)
Query Parameter — The human-friendly name of the library

type (optional)
Query Parameter — The type of the library (e.g. logic-library, model-definition, asset-collection, module-definition)

context-quantity (optional)
Query Parameter — A quantity- or range-valued use context assigned to the library

depends-on (optional)
Query Parameter — What resource is being referenced

effective (optional)
Query Parameter — The time during which the library is intended to be in use

context (optional)
Query Parameter — A use context assigned to the library

content-type (optional)
Query Parameter — The type of content in the library (e.g. text/cql)

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the library

identifier (optional)
Query Parameter — External identifier for the library

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the library

url (optional)
Query Parameter — The uri that identifies the library

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Computationally friendly name of the library

publisher (optional)
Query Parameter — Name of the publisher of the library

topic (optional)
Query Parameter — Topics associated with the module
source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — The current status of the library

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Library/_history

type-history: Fetch the resource change history for all resources of type Library (LibraryHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

DELETE /Library/{id}

instance-delete: Perform a logical delete on a resource instance (LibraryIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
### POST /Library/{id}/$expunge

**Path parameters**

- **id** (required)
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body** object (optional)
  - *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success [Object](#)

### GET /Library/{id}

**read-instance**: Read Library instance (libraryIdGet)

**Path parameters**

- **id** (required)
  - *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success [Object](#)

### GET /Library/{id}/_history

**Responses**

200

Success [Object](#)
instance-history: Fetch the resource change history for all resources of type Library (libraryIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Library/{id}/_history/{version_id}

vread-instance: Read Library instance with specific version (libraryIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Library/{id}$/meta-add

(libraryIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
POST /Library/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Library/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null
Query parameters

**return (optional)**

*Query Parameter –*

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**

---

**PATCH /Library/{id}**

instance-patch: Patch a resource instance of type Library by ID (*libraryIdPatch*)

Path parameters

id (required)

*Path Parameter — The resource ID default: null*

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body **object** (optional)

*Body Parameter –*

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**

---

**PUT /Library/{id}**

update-instance: Update an existing Library instance, or create using a client-assigned ID (*libraryIdPut*)

Path parameters

id (required)

*Path Parameter — The resource ID default: null*

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body **object** (optional)
  
  **Body Parameter** —

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**GET /Library/{id}/$validate**

(libraryIdValidateGet)

**Path parameters**

- **id** (required)
  
  **Path Parameter** — The resource ID default: null

**Query parameters**

- **resource** (optional)
  
  **Query Parameter** —

- **mode** (optional)
  
  **Query Parameter** —

- **profile** (optional)
  
  **Query Parameter** —

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**GET /Library/$meta**

(libraryMetaGet)

**Query parameters**

- Request a list of tags, profiles, and security labels for a specific resource instance

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**
POST /Library

create-type: Create a new Library instance (libraryPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Library/$validate

(libraryValidateGet)

Query parameters

- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object
Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

### Linkage

**POST /Linkage/$expunge**

*(linkageExpungePost)*

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

**body** **object** *(optional)*

**Body Parameter** —

**Return type**
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

**GET /Linkage**

*search-type: Search for Linkage instances (linkageGet)*

This is a search type

**Query parameters**

- **item** *(optional)*
  *Query Parameter* — Matches on any item in the Linkage

- **author** *(optional)*
  *Query Parameter* — Author of the Linkage

- **_lastUpdated** *(optional)*
  *Query Parameter* — When the resource version last changed

- **_security** *(optional)*
  *Query Parameter* — Security Labels applied to this resource

- **source** *(optional)*
  *Query Parameter* — Matches on any item in the Linkage with a type of 'source'

- **_filter** *(optional)*
  *Query Parameter* — Search the contents of the resource's data using a filter
_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Linkage/_history

type-history: Fetch the resource change history for all resources of type Linkage (linkageHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Linkage/{id}

instance-delete: Perform a logical delete on a resource instance (linkageIdDelete)

Path parameters

_id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Linkage/{id}/$expunge
(linkageldExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Linkage/{id}
(read-instance: Read Linkage instance (linkageldGet))

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /Linkage/{id}/_history

instance-history: Fetch the resource change history for all resources of type Linkage (linkageIdHistoryGet)

Path parameters

id (required)
   Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Linkage/{id}/_history/{version_id}

vread-instance: Read Linkage instance with specific version (linkageIdHistoryVersionIdGet)

Path parameters

id (required)
   Path Parameter — The resource ID default: null

version_id (required)
   Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Linkage/{id}/$meta-add

(linkageIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
   Path Parameter — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

**body** object (optional)

*Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

**POST** /Linkage/{id}/$meta-delete

(linkageIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

**id** (required)

*Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

**body** object (optional)

*Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

**GET** /Linkage/{id}/$meta

(linkageIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance
PATCH /Linkage/{id}

instance-patch: Patch a resource instance of type Linkage by ID (linkageIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

PUT /Linkage/{id}

update-instance: Update an existing Linkage instance, or create using a client-assigned ID (linkageIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
GET /Linkage/$meta

(linkageMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Linkage

(create-type: Create a new Linkage instance (linkagePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Linkage/$validate

(linkageValidateGet)

Query parameters

- resource (optional)

Query Parameter —

- mode (optional)
**Query Parameter** — profile (optional)

**Query Parameter** —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**List**

**POST** /List/$expunge

(listExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**
body **object** (optional)

**Body Parameter** —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET** /List

(search-type: Search for List instances (listGet)

This is a search type

**Query parameters**

date (optional)

**Query Parameter** —

Multiple Resources:

- **AllergyIntolerance**: Date first version of the resource instance was recorded
- **CarePlan**: Time period plan covers
- **CareTeam**: Time period team covers
- **ClinicalImpression**: When the assessment was documented
- **Composition**: Composition editing time
- **Consent**: When this Consent was created or indexed
- **DiagnosticReport**: The clinically relevant time of the report
- **Encounter**: A date within the period the Encounter lasted
- **EpisodeOfCare**: The provided date search value falls within the episode of care's period
- **FamilyMemberHistory**: When history was recorded or last updated
- **Flag**: Time period when flag is active
- **Immunization**: Vaccination (non)-Administration Date
- **List**: When the list was prepared
- **Observation**: Obtained date/time. If the obtained element is a period, a date that falls in the period
- **Procedure**: When the procedure was performed
- **RiskAssessment**: When was assessment made?
- **SupplyRequest**: When the request was made

**identifier (optional)**

*Query Parameter —*

**Multiple Resources:**

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External ids for this plan
- **CareTeam**: External ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**empty-reason (optional)**

*Query Parameter — Why list is empty*

**item (optional)**

*Query Parameter — Actual entry*

**code (optional)**

*Query Parameter —*

**Multiple Resources:**

- **AllergyIntolerance**: Code that identifies the allergy or intolerance
- **Condition**: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- **Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

**notes (optional)**
Query Parameter — The annotation - text content (as markdown)

**subject (optional)**
Query Parameter — If all resources have the same subject

**_lastUpdated (optional)**
Query Parameter — When the resource version last changed

**_security (optional)**
Query Parameter — Security Labels applied to this resource

**encounter (optional)**
Query Parameter —

Multiple Resources:
- **Composition**: Context of the Composition
- **DeviceRequest**: Encounter during which request was created
- **DiagnosticReport**: The Encounter when the order was made
- **DocumentReference**: Context of the document content
- **Flag**: Alert relevant during encounter
- **List**: Context in which list created
- **NutritionOrder**: Return nutrition orders with this encounter identifier
- **Observation**: Encounter related to the observation
- **Procedure**: Encounter created as part of
- **RiskAssessment**: Where was assessment performed?
- **ServiceRequest**: An encounter in which this request is made
- **VisionRequest**: Return prescriptions with this encounter identifier

**source (optional)**
Query Parameter — Who and/or what defined the list contents (aka Author)

**title (optional)**
Query Parameter — Descriptive name for the list

**_filter (optional)**
Query Parameter — Search the contents of the resource's data using a filter

**_profile (optional)**
Query Parameter — Profiles this resource claims to conform to

**patient (optional)**
Query Parameter —

Multiple Resources:
- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care

https://10.2.2.41/api-doc/
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

_**_tag (optional)
**_tag**: Tags applied to this resource

_**_has (optional)
**_has**: Return resources linked to by the given target

_**_source (optional)
**_source**: Identifies where the resource comes from

_**_id (optional)
**_id**: Logical id of this artifact

_**_text (optional)
**_text**: Search on the narrative of the resource

_**_content (optional)
**_content**: Search on the entire content of the resource

_**status (optional)
**status**: Search on the status of the resource

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

**GET /List/_history**

**type-history**: Fetch the resource change history for all resources of type List (**listHistoryGet**)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
DELETE /List/{id}

instance-delete: Perform a logical delete on a resource instance (listIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /List/{id}/$expunge

(listIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /List/{id}

read-instance: Read List instance (listIdGet)
### Path parameters

- **id (required)**  
  *Path Parameter* — The resource ID default: null

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

### GET /List/{id}/_history

**instance-history**: Fetch the resource change history for all resources of type List (listIdHistoryGet)

#### Path parameters

- **id (required)**  
  *Path Parameter* — The resource ID default: null

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

#### Responses

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

### GET /List/{id}/_history/{version_id}

**vread-instance**: Read List instance with specific version (listIdHistoryVersionIdGet)

#### Path parameters

- **id (required)**  
  *Path Parameter* — The resource ID default: null
- **version_id (required)**  
  *Path Parameter* — The resource version ID default: null

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

#### Responses

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>
POST /List/{id}/$meta-add

(listIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

**Path parameters**

id (required)
Path Parameter — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body object (optional)
Body Parameter —

**Return type**

Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object

POST /List/{id}/$meta-delete

(listIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

**Path parameters**

id (required)
Path Parameter — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body object (optional)
Body Parameter —

**Return type**

Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**GET /List/{id}/$meta**

(loidMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Query parameters**

return (optional)

*Query Parameter* —

**Return type**
Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**PATCH /List/{id}**

(instance-patch: Patch a resource instance of type List by ID (listIdPatch))

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body *object* (optional)

*Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**PUT /List/{id}**

update-instance: Update an existing List instance, or create using a client-assigned ID (listIdPut)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
  - Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**GET /List/{id}/$validate**

(listIdValidateGet)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Query parameters

- resource (optional)
  - Query Parameter —
- mode (optional)
  - Query Parameter —
- profile (optional)
  - Query Parameter —
GET /List/$meta

(listMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter –

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /List

(create-type: Create a new List instance (listPost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter –

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
### GET /List/$validate

**Query parameters**
- resource (optional)  
- mode (optional)  
- profile (optional)

**Return type**  
Object

**Produces**  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**  
200  
Success **Object**

### Location

**POST /Location/$expunge**

**Consumes**  
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**  
body **object** (optional)

**Return type**  
Object

**Produces**  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**  
200  
Success **Object**
GET /Location

search-type: Search for Location instances (locationGet)
This is a search type

Query parameters

  address-state (optional)
  Query Parameter — A state specified in an address

  _lastUpdated (optional)
  Query Parameter — When the resource version last changed

  operational-status (optional)
  Query Parameter — Searches for locations (typically bed/room) that have an operational status (e.g. contaminated, housekeeping)

  type (optional)
  Query Parameter — A code for the type of location

  address-country (optional)
  Query Parameter — A country specified in an address

  endpoint (optional)
  Query Parameter — Technical endpoints providing access to services operated for the location

  near (optional)
  Query Parameter —
  Search for locations where the location.position is near to, or within a specified distance of, the provided coordinates expressed as [latitude] [[longitude]] [distance] [units] (using the WGS84 datum, see notes). If the units are omitted, then kms should be assumed. If the distance is omitted, then the server can use its own discretion as to what distances should be considered near (and units are irrelevant)

  Servers may search using various techniques that might have differing accuracies, depending on implementation efficiency.

  Requires the near-distance parameter to be provided also

  address-city (optional)
  Query Parameter — A city specified in an address

  identifier (optional)
  Query Parameter — An identifier for the location

  partof (optional)
  Query Parameter — A location of which this location is a part

  address (optional)
  Query Parameter — A (part of the) address of the location

  _security (optional)
  Query Parameter — Security Labels applied to this resource

  address-postalcode (optional)
  Query Parameter — A postal code specified in an address

  _filter (optional)
  Query Parameter — Search the contents of the resource's data using a filter

  _profile (optional)
  Query Parameter — Profiles this resource claims to conform to

  _tag (optional)
  Query Parameter — Tags applied to this resource

  organization (optional)
  Query Parameter — Searches for locations that are managed by the provided organization

  _has (optional)
  Query Parameter — Return resources linked to by the given target

  address-use (optional)
Query Parameter — A use code specified in an address
name (optional)
Query Parameter — A portion of the location's name or alias
_source (optional)
Query Parameter — Identifies where the resource comes from
_id (optional)
Query Parameter — Logical id of this artifact
_text (optional)
Query Parameter — Search on the narrative of the resource
_content (optional)
Query Parameter — Search on the entire content of the resource
status (optional)
Query Parameter — Searches for locations with a specific kind of status

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Location/_history

type-history: Fetch the resource change history for all resources of type Location (locationHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Location/{id}

instance-delete: Perform a logical delete on a resource instance (locationIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**POST /Location/{id}/$expunge**

(locationIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consume

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**GET /Location/{id}**

read-instance: Read Location instance (locationIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /Location/{id}/_history

instance-history: Fetch the resource change history for all resources of type Location (locationIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Location/{id}/_history/{version_id}

vread-instance: Read Location instance with specific version (locationIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Location/{id}/$meta-add

(locationIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

POST /Location/{id}/$meta-delete

(locationIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /Location/{id}/$meta

(locationIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance
Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Query parameters

return (optional)

*Query Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

---

 PATCH /Location/{id}

instance-patch: Patch a resource instance of type Location by ID (locationIdPatch)

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

*Body Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

---

 PUT /Location/{id}

update-instance: Update an existing Location instance, or create using a client-assigned ID (locationIdPut)

Path parameters


id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json
- application/fhir+xml

**Request body**

*body Object (optional)*

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success *Object*

---

GET `/Location/{id}/$validate`

*locationIdValidateGet*

**Path parameters**

*Id (required)*

*Path Parameter* — The resource ID default: null

**Query parameters**

*resource (optional)*

*Query Parameter* —

*mode (optional)*

*Query Parameter* —

*profile (optional)*

*Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success *Object*
GET /Location/$meta

(locationMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Location

(create-type: Create a new Location instance (locationPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Location/$validate

(locationValidateGet)

Query parameters
resource (optional)
Query Parameter —

mode (optional)
Measure

**POST** /Measure/$expunge

(measureExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

**body** object (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

GET /Measure

search-type: Search for Measure instances (measureGet)

This is a search type

**Query parameters**

- **date (optional)**
  *Query Parameter* — The measure publication date

- **successor (optional)**
  *Query Parameter* — What resource is being referenced

- **context-type-value (optional)**
  *Query Parameter* — A use context type and value assigned to the measure
_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter — Intended jurisdiction for the measure

derived-from (optional)
Query Parameter — What resource is being referenced

description (optional)
Query Parameter — The description of the measure

context-type (optional)
Query Parameter — A type of use context assigned to the measure

predecessor (optional)
Query Parameter — What resource is being referenced

composed-of (optional)
Query Parameter — What resource is being referenced

title (optional)
Query Parameter — The human-friendly name of the measure

context-quantity (optional)
Query Parameter — A quantity- or range-valued use context assigned to the measure

depends-on (optional)
Query Parameter — What resource is being referenced

effective (optional)
Query Parameter — The time during which the measure is intended to be in use

context (optional)
Query Parameter — A use context assigned to the measure

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the measure

identifier (optional)
Query Parameter — External identifier for the measure

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the measure

url (optional)
Query Parameter — The uri that identifies the measure

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Computationally friendly name of the measure

publisher (optional)
Query Parameter — Name of the publisher of the measure

topic (optional)
Query Parameter — Topics associated with the measure

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact
_text (optional)
Query Parameter  — Search on the narrative of the resource

_content (optional)
Query Parameter  — Search on the entire content of the resource

status (optional)
Query Parameter  — The current status of the measure

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Measure/_history

_type-history: Fetch the resource change history for all resources of type Measure (measureHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Measure/{id}

_instance-delete: Perform a logical delete on a resource instance (measureIdDelete)

Path parameters

id (required)
Path Parameter  — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /Measure/{id}/$expunge

(measureIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /Measure/{id}

read-instance: Read Measure instance (measureIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /Measure/{id}/_history

instance-history: Fetch the resource change history for all resources of type Measure (measureIdHistoryGet)

Path parameters

id (required)
GET /Measure/{id}/_history/{version_id}

vread-instance: Read Measure instance with specific version (measureIdHistoryVersionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

version_id (required)

Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Measure/{id}/$meta-add

(measureIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success [Object](#)

---

**POST /Measure/{id}/$meta-delete**

(measureIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

**Path parameters**
- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**
- body [object](#) (optional)
  
  *Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success [Object](#)

---

**GET /Measure/{id}/$meta**

(measureIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**
- id (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**
- return (optional)
  
  *Query Parameter* —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Measure/{id}

instance-patch: Patch a resource instance of type Measure by ID (measureIdPatch)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /Measure/{id}

update-instance: Update an existing Measure instance, or create using a client-assigned ID (measureIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Measure/{id}/$validate

(measureIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)

mode (optional)

profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Measure/$meta

(measureMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter —
**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

**POST /Measure**

create-type: Create a new Measure instance (**measurePost**)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

```
body **object** (optional)
```

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

**GET /Measure/$validate**

(**measureValidateGet**) (measureValidateGet)

**Query parameters**

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
MeasureReport

POST /MeasureReport/$expunge

(measureReportExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MeasureReport

search-type: Search for MeasureReport instances (measureReportGet)

This is a search type

Query parameters

date (optional)
Query Parameter — The date of the measure report

identifier (optional)
Query Parameter — External identifier of the measure report to be returned

period (optional)
Query Parameter — The period of the measure report

subject (optional)
Query Parameter — The identity of a subject to search for individual measure report results for

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

reporter (optional)
Query Parameter — The reporter to return measure report results for

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

measure (optional)
Query Parameter — The measure to return measure report results for

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter — The identity of a patient to search for individual measure report results for

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

evaluated-resource (optional)
Query Parameter — An evaluated resource referenced by the measure report

status (optional)
Query Parameter — The status of the measure report

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MeasureReport/_history

type-history: Fetch the resource change history for all resources of type MeasureReport (measureReportHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /MeasureReport/{id}
instance-delete: Perform a logical delete on a resource instance (measureReportIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /MeasureReport/{id}/$expunge (measureReportIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MeasureReport/{id} (measureReportIdGet)

read-instance: Read MeasureReport instance (measureReportIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null
GET /MeasureReport/{id}/_history

instance-history: Fetch the resource change history for all resources of type MeasureReport (measureReportIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MeasureReport/{id}/_history/{version_id}

vread-instance: Read MeasureReport instance with specific version (measureReportIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /MeasureReport/{id}/$meta-add
(measureReportIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MeasureReport/{id}/$meta-delete
(measureReportIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /MeasureReport/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Query parameters

return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /MeasureReport/{id}

instance-patch: Patch a resource instance of type MeasureReport by ID (measureReportIdPatch)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
PUT /MeasureReport/{id}

update-instance: Update an existing MeasureReport instance, or create using a client-assigned ID (measureReportIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MeasureReport/{id}/$validate

(measureReportIdValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /MeasureReport/$meta

(measureReportMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter —

Response

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /MeasureReport

(create-type: Create a new MeasureReport instance (measureReportPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Response

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MeasureReport/$validate
Query parameters

- resource (optional)
  Query Parameter —

- mode (optional)
  Query Parameter —

- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

Media

POST /Media/$expunge
(mediaExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Media
(search-type: Search for Media instances (mediaGet))

This is a search type
identifier (optional)  
Query Parameter — Identifier(s) for the image

modality (optional)  
Query Parameter — The type of acquisition equipment/process

created (optional)  
Query Parameter — When Media was collected

subject (optional)  
Query Parameter — Who/What this Media is a record of

_lastUpdated (optional)  
Query Parameter — When the resource version last changed

_security (optional)  
Query Parameter — Security Labels applied to this resource

encounter (optional)  
Query Parameter — Encounter associated with media

type (optional)  
Query Parameter — Classification of media as image, video, or audio

operator (optional)  
Query Parameter — The person who generated the image

_filter (optional)  
Query Parameter — Search the contents of the resource's data using a filter

site (optional)  
Query Parameter — Observed body part

view (optional)  
Query Parameter — Imaging view, e.g. Lateral or Antero-posterior

based-on (optional)  
Query Parameter — Procedure that caused this media to be created

_profile (optional)  
Query Parameter — Profiles this resource claims to conform to

patient (optional)  
Query Parameter — Who/What this Media is a record of

_tag (optional)  
Query Parameter — Tags applied to this resource

_has (optional)  
Query Parameter — Return resources linked to by the given target

_source (optional)  
Query Parameter — Identifies where the resource comes from

_id (optional)  
Query Parameter — Logical id of this artifact

_text (optional)  
Query Parameter — Search on the narrative of the resource

_content (optional)  
Query Parameter — Search on the entire content of the resource

device (optional)  
Query Parameter — Observing Device

status (optional)  
Query Parameter — preparation | in-progress | not-done | on-hold | stopped | completed | entered-in-error | unknown

Return type  
Object

Produces  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /Media/_history

type-history: Fetch the resource change history for all resources of type Media (mediaHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Media/{id}

instance-delete: Perform a logical delete on a resource instance (mediaIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Media/{id}/$expunge

(mediaIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

https://10.2.2.41/api-doc/
Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Media/{id}

read-instance: Read Media instance (mediaGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Media/{id}/_history

instance-history: Fetch the resource change history for all resources of type Media (mediaHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Media/{id}/_history/{version_id}

vread-instance: Read Media instance with specific version (medialdHistoryVersionIdGet)

Path parameters

- **id (required)**
  - *Path Parameter* — The resource ID default: null

- **version_id (required)**
  - *Path Parameter* — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Media/{id}/$meta-add

(mediaIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id (required)**
  - *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body object** (optional)
  - *Body Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /Media/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Media/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
PATCH /Media/{id}

instance-patch: Patch a resource instance of type Media by ID (mediaIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PUT /Media/{id}

update-instance: Update an existing Media instance, or create using a client-assigned ID (mediaIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /Media/{id}/$validate

Path parameters
- id (required)
  
  *Path Parameter* — The resource ID default: null

Query parameters
- resource (optional)
  
  *Query Parameter* —

- mode (optional)
  
  *Query Parameter* —

- profile (optional)
  
  *Query Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success *Object*

---

GET /Media/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
- return (optional)
  
  *Query Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success *Object*
POST /Media

create-type: Create a new Media instance (mediaPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Media/$validate

(mediaValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

Medication

POST /Medication/$expunge

(medicationExpungePost)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /Medication

search-type: Search for Medication instances (medicationGet)

This is a search type

Query parameters

- **identifier (optional)**
  
  *Query Parameter* — Returns medications with this external identifier

- **code (optional)**
  
  *Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Code that identifies the allergy or intolerance
- **Condition**: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- **Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

- **ingredient (optional)**
  
  *Query Parameter* — Returns medications for this ingredient reference

- **lot-number (optional)**
  
  *Query Parameter* — Returns medications in a batch with this lot number

- **_lastUpdated (optional)**
  
  *Query Parameter* — When the resource version last changed

- **_security (optional)**
  
  *Query Parameter* — Security Labels applied to this resource

- **manufacturer (optional)**
Query Parameter — Returns medications made or sold for this manufacturer

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

ingredient-code (optional)
Query Parameter — Returns medications for this ingredient code

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

form (optional)
Query Parameter — Returns medications for a specific dose form

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

date (optional)
Query Parameter — Returns medications in a batch with this expiration date

status (optional)
Query Parameter — Returns medications for this status

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Medication/_history

- type-history: Fetch the resource change history for all resources of type Medication (medicationHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
DELETE /Medication/{id}

instance-delete: Perform a logical delete on a resource instance (medicationIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Medication/{id}/$expunge

(medicationIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Medication/{id}

read-instance: Read Medication instance (medicationIdGet)

Path parameters

id (required)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Medication/{id}/_history

instance-history: Fetch the resource change history for all resources of type Medication (medicationIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Medication/{id}/_history/{version_id}

vread-instance: Read Medication instance with specific version (medicationIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /Medication/{id}/$meta-add

(medicationIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Medication/{id}/$meta-delete

(medicationIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
GET /Medication/{id}/$meta

(medicationIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PATCH /Medication/{id}

(instance-patch) Patch a resource instance of type Medication by ID (medicationIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
PUT /Medication/{id}

update-instance: Update an existing Medication instance, or create using a client-assigned ID (medicationIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Medication/{id}/$validate

(medicationIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### GET /Medication/$meta

*(medicationMetaGet)*

Request a list of tags, profiles, and security labels for a specific resource instance

#### Query parameters

- **return (optional)**
  
  Query Parameter

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### POST /Medication

*create-type: Create a new Medication instance (medicationPost)*

#### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body

- body **object** (optional)
  
  Body Parameter

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses

200

Success **Object**
GET /Medication/$validate

(medicationValidateGet)

Query parameters
resource (optional)
Query Parameter
mode (optional)
Query Parameter
profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

MedicationAdministration

POST /MedicationAdministration/$expunge

(medicationAdministrationExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicationAdministration

search-type: Search for MedicationAdministration instances (medicationAdministrationGet)

This is a search type
Query parameters

**identifier (optional)**

*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External ids for this plan
- **CareTeam**: External ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**request (optional)**

*Query Parameter* — The identity of a request to list administrations from

**code (optional)**

*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Code that identifies the allergy or intolerance
- **Condition**: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- **Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

**performer (optional)**

*Query Parameter* — The identity of the individual who administered the medication

**subject (optional)**

*Query Parameter* — The identity of the individual or group to list administrations for

**_lastUpdated (optional)**
**Query Parameter** — When the resource version last changed

**_security (optional)**
*Query Parameter* — Security Labels applied to this resource

**medication (optional)**
*Query Parameter* —

Multiple Resources:

- **MedicationAdministration**: Return administrations of this medication resource
- **MedicationDispense**: Returns dispenses of this medicine resource
- **MedicationRequest**: Return prescriptions for this medication reference
- **MedicationStatement**: Return statements of this medication reference

**reason-given (optional)**
*Query Parameter* — Reasons for administering the medication

**_filter (optional)**
*Query Parameter* — Search the contents of the resource’s data using a filter

**_profile (optional)**
*Query Parameter* — Profiles this resource claims to conform to

**patient (optional)**
*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**effective-time (optional)**
*Query Parameter* — Date administration happened (or did not happen)

**_tag (optional)**
*Query Parameter* — Tags applied to this resource

**_has (optional)**
*Query Parameter* — Return resources linked to by the given target

https://10.2.2.41/api-doc/
context (optional)
Query Parameter — Return administrations that share this encounter or episode of care

reason-not-given (optional)
Query Parameter — Reasons for not administering the medication

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_device (optional)
Query Parameter — Return administrations with this administration device identity

_status (optional)
Query Parameter —

Multiple Resources:

- **MedicationAdministration**: MedicationAdministration event status (for example one of active/paused/completed/nullified)
- **MedicationDispense**: Returns dispenses with a specified dispense status
- **MedicationRequest**: Status of the prescription
- **MedicationStatement**: Return statements that match the given status

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

**GET /MedicationAdministration/_history**

type-history: Fetch the resource change history for all resources of type MedicationAdministration (medicationAdministrationHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
DELETE /MedicationAdministration/{id}

**instance-delete**: Perform a logical delete on a resource instance (**medicationAdministrationIdDelete**)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

POST /MedicationAdministration/{id}/$expunge

**(medicationAdministrationIdExpungePost)**

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

GET /MedicationAdministration/{id}

**read-instance**: Read MedicationAdministration instance (**medicationAdministrationIdGet**)

**Path parameters**

- id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET `/MedicationAdministration/{id}/_history`

instance-history: Fetch the resource change history for all resources of type MedicationAdministration (medicationAdministrationIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET `/MedicationAdministration/{id}/_history/{version_id}`

vread-instance: Read MedicationAdministration instance with specific version (medicationAdministrationIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
POST /MedicationAdministration/{id}/$meta-add

(medicationAdministrationIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /MedicationAdministration/{id}/$meta-delete

(medicationAdministrationIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**GET /MedicationAdministration/{id}/$meta**

(medicationAdministrationIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

- id (required)
  
  *Path Parameter* — The resource ID default: null

Query parameters

- return (optional)
  
  *Query Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**PATCH /MedicationAdministration/{id}**

(instance-patch: Patch a resource instance of type MedicationAdministration by ID (medicationAdministrationIdPatch))

Path parameters

- id (required)
  
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body *object* (optional)
  
  *Body Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**PUT /MedicationAdministration/{id}**

*update-instance: Update an existing MedicationAdministration instance, or create using a client-assigned ID (medicationAdministrationIdPut)*

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body **object** (optional)
  
  *Body Parameter*

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**GET /MedicationAdministration/{id}/$validate**

(medicationAdministrationIdValidateGet)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- resource (optional)
  
  *Query Parameter*

- mode (optional)
  
  *Query Parameter*

- profile (optional)
  
  *Query Parameter*
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicationAdministration/$meta
(medicationAdministrationMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicationAdministration
create-type: Create a new MedicationAdministration instance (medicationAdministrationPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)  
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
GET /MedicationAdministration/$validate

(medicationAdministrationValidateGet)

Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

MedicationDispense

POST /MedicationDispense/$expunge

(medicationDispenseExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
  Body Parameter

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /MedicationDispense

search-type: Search for MedicationDispense instances (medicationDispenseGet)

This is a search type

Query parameters

code (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: Code that identifies the allergy or intolerance
- Condition: Code for the condition
- DeviceRequest: Code for what is being requested/ordered
- DiagnosticReport: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- FamilyMemberHistory: A search by a condition code
- List: What the purpose of this list is
- Medication: Returns medications for a specific code
- MedicationAdministration: Return administrations of this medication code
- MedicationDispense: Returns dispenses of this medicine code
- MedicationRequest: Return prescriptions of this medication code
- MedicationStatement: Return statements of this medication code
- Observation: The code of the observation type
- Procedure: A code to identify a procedure
- ServiceRequest: What is being requested/ordered

subject (optional)
Query Parameter — The identity of a patient for whom to list dispenses

_lastUpdated (optional)
Query Parameter — When the resource version last changed

destination (optional)
Query Parameter — Returns dispenses that should be sent to a specific destination

type (optional)
Query Parameter — Returns dispenses of a specific type

patient (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: Who the sensitivity is for
- CarePlan: Who the care plan is for
- CareTeam: Who care team is for
- ClinicalImpression: Patient or group assessed
- Composition: Who and/or what the composition is about
- Condition: Who has the condition?
- Consent: Who the consent applies to
- DetectedIssue: Associated patient
- DeviceRequest: Individual the service is ordered for
- DeviceUseStatement: Search by subject - a patient
- DiagnosticReport: The subject of the report if a patient
- DocumentManifest: The subject of the set of documents
- DocumentReference: Who/what is the subject of the document
- Encounter: The patient or group present at the encounter
- EpisodeOfCare: The patient who is the focus of this episode of care
- FamilyMemberHistory: The identity of a subject to list family member history items for
- Flag: The identity of a subject to list flags for
- Goal: Who this goal is intended for
- ImagingStudy: Who the study is about
- Immunization: The patient for the vaccination record
- List: If all resources have the same subject
- MedicationAdministration: The identity of a patient to list administrations for
- MedicationDispense: The identity of a patient to list dispenses for
- MedicationRequest: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement.
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**context (optional)**

*Query Parameter* — Returns dispenses with a specific context (episode or episode of care)

**identifier (optional)**

*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External Ids for this plan
- **CareTeam**: External Ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business Identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**performer (optional)**

*Query Parameter* — Returns dispenses performed by a specific individual

**receiver (optional)**

*Query Parameter* — The identity of a receiver to list dispenses for

**_security (optional)**

*Query Parameter* — Security Labels applied to this resource

**medication (optional)**

*Query Parameter* —

Multiple Resources:

- **MedicationAdministration**: Return administrations of this medication resource
- **MedicationDispense**: Returns dispenses of this medicine resource
- **MedicationRequest**: Return prescriptions of this medication reference
- **MedicationStatement**: Return statements of this medication reference

**responsibleparty (optional)**

*Query Parameter* — Returns dispenses with the specified responsible party
whenhandedover (optional)
Query Parameter — Returns dispenses handed over on this date

whennprepared (optional)
Query Parameter — Returns dispenses prepared on this date

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

description (optional)
Query Parameter —

Multiple Resources:

- MedicationDispense: The identity of a prescription to list dispenses from

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_status (optional)
Query Parameter —

Multiple Resources:

- MedicationAdministration: MedicationAdministration event status (for example one of active/paused/completed/nullified)
- MedicationDispense: Returns dispenses with a specified dispense status
- MedicationRequest: Status of the prescription
- MedicationStatement: Return statements that match the given status

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicationDispense/_history

type-history: Fetch the resource change history for all resources of type MedicationDispense
   (medicationDispenseHistoryGet)

Return type
DELETE /MedicationDispense/{id}

instance-delete: Perform a logical delete on a resource instance (medicationDispenseIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicationDispense/{id}/$expunge

(medicationDispenseIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /MedicationDispense/{id}

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicationDispense/{id}/_history

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicationDispense/{id}/_history/{version_id}

Path parameters
id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

vread-instance: Read MedicationDispense instance with specific version (medicationDispenseIdHistoryVersionIdGet)
POST /MedicationDispense/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

POST /MedicationDispense/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
Request body

body `object` (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MedicationDispense/{id}/$meta

(medicationDispenseIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PATCH /MedicationDispense/{id}

(instance-patch: Patch a resource instance of type MedicationDispense by ID (medicationDispenseIdPatch))

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
**PUT /MedicationDispense/{id}**

update-instance: Update an existing MedicationDispense instance, or create using a client-assigned ID (medicationDispenseIdPut)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body object (optional)

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

**GET /MedicationDispense/{id}/$validate**

(medicationDispenseIdValidateGet)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body object (optional)

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object
Query parameters

- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicationDispense/$meta
(medicationDispenseMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /MedicationDispense
create-type: Create a new MedicationDispense instance (medicationDispensePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
HAPI FHIR Server

GET /MedicationDispense/$validate

(resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

MedicationKnowledge

POST /MedicationKnowledge/$expunge

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /MedicationKnowledge**

search-type: Search for MedicationKnowledge instances (medicationKnowledgeGet)

This is a search type

**Query parameters**

- **code (optional)**
  Query Parameter — Code that identifies this medication

- **ingredient (optional)**
  Query Parameter — Medication(s) or substance(s) contained in the medication

- **doseform (optional)**
  Query Parameter — powder | tablets | capsule +

- **_lastUpdated (optional)**
  Query Parameter — When the resource version last changed

- **_security (optional)**
  Query Parameter — Security Labels applied to this resource

- **classification-type (optional)**
  Query Parameter — The type of category for the medication (for example, therapeutic classification, therapeutic sub-classification)

- **monograph-type (optional)**
  Query Parameter — The category of medication document

- **classification (optional)**
  Query Parameter — Specific category assigned to the medication

- **manufacturer (optional)**
  Query Parameter — Manufacturer of the item

- **_filter (optional)**
  Query Parameter — Search the contents of the resource's data using a filter

- **ingredient-code (optional)**
  Query Parameter — Medication(s) or substance(s) contained in the medication

- **source-cost (optional)**
  Query Parameter — The source or owner for the price information

- **_profile (optional)**
  Query Parameter — Profiles this resource claims to conform to

- **monitoring-program-name (optional)**
  Query Parameter — Name of the reviewing program

- **monograph (optional)**
  Query Parameter — Associated documentation about the medication

- **_tag (optional)**
  Query Parameter — Tags applied to this resource

- **_has (optional)**
  Query Parameter — Return resources linked to by the given target

- **_source (optional)**
  Query Parameter — Identifies where the resource comes from

- **monitoring-program-type (optional)**
  Query Parameter — Type of program under which the medication is monitored
_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — active | inactive | entered-in-error

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /MedicationKnowledge/_history

(type-history: Fetch the resource change history for all resources of type MedicationKnowledge (medicationKnowledgeHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

DELETE /MedicationKnowledge/{id}

(instance-delete: Perform a logical delete on a resource instance (medicationKnowledgeIdDelete)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
### POST /MedicationKnowledge/{id}/$expunge

**Path parameters**

- **id** (required)
  
  **Path Parameter** — The resource ID default: null

**Consumes**

This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json

**Request body**

- **body** *object* (optional)
  
  **Body Parameter** —

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  
Success *Object*

---

### GET /MedicationKnowledge/{id}

**Path parameters**

- **id** (required)
  
  **Path Parameter** — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  
Success *Object*

---

### GET /MedicationKnowledge/{id}/_history

**Path parameters**

- **id** (required)
  
  **Path Parameter** — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  
Success *Object*
instance-history: Fetch the resource change history for all resources of type MedicationKnowledge

(medicationKnowledgeIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicationKnowledge/{id}/_history/{version_id}

vread-instance: Read MedicationKnowledge instance with specific version (medicationKnowledgeIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicationKnowledge/{id}/$meta-add

(medicationKnowledgeIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

**body** `object` (optional)

*Body Parameter*

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success `Object`

---

**POST /MedicationKnowledge/{id}/$meta-delete**

(medicationKnowledgeIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

**body** `object` (optional)

*Body Parameter*

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success `Object`

---

**GET /MedicationKnowledge/{id}/$meta**

(medicationKnowledgeIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

*Path Parameter* — The resource ID default: null
**Query parameters**

*return (optional)*

*Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**PATCH /MedicationKnowledge/{id}**

instance-patch: Patch a resource instance of type MedicationKnowledge by ID *(medicationKnowledgeIdPatch)*

**Path parameters**

*id (required)*

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

*body object (optional)*

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**PUT /MedicationKnowledge/{id}**

update-instance: Update an existing MedicationKnowledge instance, or create using a client-assigned ID *(medicationKnowledgeIdPut)*

**Path parameters**

*id (required)*

*Path Parameter* — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

| body object (optional) |

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

**GET /MedicationKnowledge/{id}/$validate**

*medicationKnowledgeIdValidateGet*

Path parameters

| id (required) |

Path Parameter — The resource ID default: null

Query parameters

| resource (optional) |

Query Parameter —

| mode (optional) |

Query Parameter —

| profile (optional) |

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

**GET /MedicationKnowledge/$meta**

*medicationKnowledgeMetaGet*

Request a list of tags, profiles, and security labels for a specific resource instance
Query parameters

```
return (optional)
```

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**POST /MedicationKnowledge**

create-type: Create a new MedicationKnowledge instance (medicationKnowledgePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

```
body object (optional)
```

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**GET /MedicationKnowledge/$validate**

(medicationKnowledgeValidateGet)

Query parameters

```
resource (optional)
```

```
mode (optional)
```

```
profile (optional)
```

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

MedicationRequest

POST /MedicationRequest/$expunge

(medicationRequestExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicationRequest

search-type: Search for MedicationRequest instances (medicationRequestGet)

This is a search type

Query parameters

- date (optional)
  Query Parameter —

  Multiple Resources:
  - MedicationRequest: Returns medication request to be administered on a specific date

- code (optional)
  Query Parameter —

  Multiple Resources:
  - AllergyIntolerance: Code that identifies the allergy or intolerance
  - Condition: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- ** Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

**authoredon** (optional)
*Query Parameter* — Return prescriptions written on this date

**subject** (optional)
*Query Parameter* — The identity of a patient to list orders for

**lastUpdated** (optional)
*Query Parameter* — When the resource version last changed

**patient** (optional)
*Query Parameter* —

**Multiple Resources:**
- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**intended-performer** (optional)
*Query Parameter* — Returns the intended performer of the administration of the medication request

**intended-performertype** (optional)
*Query Parameter* — Returns requests for a specific type of performer

**requester** (optional)
*Query Parameter* — Returns prescriptions prescribed by this prescriber
identifier (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: External ids for this item
- CarePlan: External ids for this plan
- CareTeam: External ids for this team
- Composition: Version-independent identifier for the Composition
- Condition: A unique identifier of the condition record
- Consent: Identifier for this record (external references)
- DetectedIssue: Unique id for the detected issue
- DeviceRequest: Business identifier for request/order
- DiagnosticReport: An identifier for the report
- DocumentManifest: Unique Identifier for the set of documents
- DocumentReference: Master Version Specific Identifier
- Encounter: Identifier(s) by which this encounter is known
- EpisodeOfCare: Business Identifier(s) relevant for this EpisodeOfCare
- FamilyMemberHistory: A search by a record identifier
- Goal: External ids for this goal
- ImagingStudy: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- Immunization: Business identifier
- List: Business identifier
- MedicationAdministration: Return administrations with this external identifier
- MedicationDispense: Returns dispenses with this external identifier
- MedicationRequest: Return prescriptions with this external identifier
- MedicationStatement: Return statements with this external identifier
- NutritionOrder: Return nutrition orders with this external identifier
- Observation: The unique id for a particular observation
- Procedure: A unique identifier for a procedure
- RiskAssessment: Unique identifier for the assessment
- ServiceRequest: Identifiers assigned to this order
- SupplyDelivery: External identifier
- SupplyRequest: Business Identifier for SupplyRequest
- VisionPrescription: Return prescriptions with this external identifier

intended-dispenser (optional)
Query Parameter — Returns prescriptions intended to be dispensed by this Organization

_security (optional)
Query Parameter — Security Labels applied to this resource

medication (optional)
Query Parameter —

Multiple Resources:

- MedicationAdministration: Return administrations of this medication resource
- MedicationDispense: Returns dispenses of this medicine resource
- MedicationRequest: Return prescriptions for this medication reference
- MedicationStatement: Return statements of this medication reference

encounter (optional)
Query Parameter —

Multiple Resources:

- MedicationRequest: Return prescriptions with this encounter identifier

priority (optional)
Query Parameter — Returns prescriptions with different priorities

intent (optional)
Query Parameter — Returns prescriptions with different intents

_filter (optional)
Query Parameter — Search the contents of the resource’s data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_@tag (optional)
Query Parameter — Tags applied to this resource

_@has (optional)
Query Parameter — Return resources linked to by the given target

_@source (optional)
Query Parameter — Identifies where the resource comes from

_@id (optional)
Query Parameter — Logical id of this artifact

_@text (optional)
Query Parameter — Search on the narrative of the resource

_@content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)
Query Parameter — Returns prescriptions with different categories

status (optional)
Query Parameter —

Multiple Resources:

- **MedicationAdministration**: MedicationAdministration event status (for example one of active/paused/completed/nullified)
- **MedicationDispense**: Returns dispenses with a specified dispense status
- **MedicationRequest**: Status of the prescription
- **MedicationStatement**: Return statements that match the given status

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /MedicationRequest/_history**

type-history: Fetch the resource change history for all resources of type MedicationRequest (medicationRequestHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**
DELETE /MedicationRequest/{id}

instance-delete: Perform a logical delete on a resource instance (medicationRequestDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /MedicationRequest/{id}/$expunge

(medicationRequestExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicationRequest/{id}

read-instance: Read MedicationRequest instance (medicationRequestGet)

Path parameters

id (required)
GET /MedicationRequest/{id}/_history

instance-history: Fetch the resource change history for all resources of type MedicationRequest (medicationRequestIdHistoryGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicationRequest/{id}/_history/{version_id}

vread-instance: Read MedicationRequest instance with specific version (medicationRequestIdHistoryVersionIdGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null
- version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
POST /MedicationRequest/{id}/$meta-add

(medicationRequestIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicationRequest/{id}/$meta-delete

(medicationRequestIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /MedicationRequest/{id}/$meta

(medicationRequestIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success
Object

PATCH /MedicationRequest/{id}

(instance-patch: Patch a resource instance of type MedicationRequest by ID (medicationRequestIdPatch))

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
PUT /MedicationRequest/{id}

update-instance: Update an existing MedicationRequest instance, or create using a client-assigned ID
(medicationRequestIdPut)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed
by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicationRequest/{id}/$validate

(medicationRequestIdValidateGet)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**GET /MedicationRequest/$meta**

*(medicationRequestMetaGet)*

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**
- `return` (optional)
  - *Query Parameter*

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**POST /MedicationRequest**

*create-type: Create a new MedicationRequest instance (medicationRequestPost)*

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**
- **body** *(optional)*
  - *Body Parameter*

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
GET /MedicationRequest/$validate

(medicationRequestValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

MedicationStatement

POST /MedicationStatement/$expunge

(medicationStatementExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicationStatement
search-type: Search for MedicationStatement instances (medicationStatementGet)

This is a search type

Query parameters

**identifier (optional)**
*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External ids for this plan
- **CareTeam**: External ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: The unique id for a particular observation
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

**code (optional)**
*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Code that identifies the allergy or intolerance
- **Condition**: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- **Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

**subject (optional)**
*Query Parameter* — The identity of a patient, animal or group to list statements for

**_lastUpdated (optional)**
*Query Parameter* — When the resource version last changed

https://10.2.2.41/api-doc/
security (optional)
Query Parameter — Security Labels applied to this resource

medication (optional)
Query Parameter —

Multiple Resources:

- **MedicationAdministration**: Return administrations of this medication resource
- **MedicationDispense**: Returns dispenses of this medicine resource
- **MedicationRequest**: Return prescriptions for this medication reference
- **MedicationStatement**: Return statements of this medication reference

part-of (optional)
Query Parameter — Returns statements that are part of another event.

source (optional)
Query Parameter — Who or where the information in the statement came from

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

effective (optional)
Query Parameter — Date when patient was taking (or not taking) the medication

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DeviceUseStatement**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

_tag (optional)
Query Parameter — Tags applied to this resource
_has (optional)
Query Parameter — Return resources linked to by the given target

category (optional)
Query Parameter — Returns statements of this category of medicationstatement

status (optional)
Query Parameter — Returns statements that match the given status

Multiple Resources:
- **MedicationAdministration**: MedicationAdministration event status (for example one of active/paused/completed/nullified)
- **MedicationDispense**: Returns dispenses with a specified dispense status
- **MedicationRequest**: Status of the prescription
- **MedicationStatement**: Return statements that match the given status

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /MedicationStatement/_history

**type-history**: Fetch the resource change history for all resources of type MedicationStatement
(medicationStatementHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
DELETE /MedicationStatement/{id}

instance-delete: Perform a logical delete on a resource instance (medicationStatementIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /MedicationStatement/{id}/$expunge

(medicationStatementIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicationStatement/{id}

read-instance: Read MedicationStatement instance (medicationStatementIdGet)

Path parameters
id (required)
GET /MedicationStatement/{id}/_history

instance-history: Fetch the resource change history for all resources of type MedicationStatement (medicationStatementIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicationStatement/{id}/_history/{version_id}

vread-instance: Read MedicationStatement instance with specific version (medicationStatementIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
POST /MedicationStatement/{id}/$meta-add

(medicationStatementIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)  
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  
Success Object

POST /MedicationStatement/{id}/$meta-delete

(medicationStatementIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)  
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /MedicationStatement/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
- id (required)
  
Query parameters
- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /MedicationStatement/{id}

instance-patch: Patch a resource instance of type MedicationStatement by ID (medicationStatementIdPatch)

Path parameters
- id (required)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
**PUT /MedicationStatement/{id}**

Update an existing MedicationStatement instance, or create using a client-assigned ID (medicationStatementIdPut)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body *object* (optional)
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success *Object*
Objects

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success [Object](#)

GET /MedicationStatement/$meta

(medicationStatementMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success [Object](#)

POST /MedicationStatement

create-type: Create a new MedicationStatement instance (medicationStatementPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
  Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /MedicationStatement/$validate

(medicationStatementValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

MedicinalProduct

POST /MedicinalProduct/$expunge

(medicinalProductExpungePost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
**search-type**: Search for *MedicinalProduct* instances (*medicinalProductGet*)

This is a search type

**Query parameters**

**identifier (optional)**
*Query Parameter* — Business identifier for this product. Could be an MPID

**lastUpdated (optional)**
*Query Parameter* — When the resource version last changed

**security (optional)**
*Query Parameter* — Security Labels applied to this resource

**name-language (optional)**
*Query Parameter* — Language code for this name

**_filter (optional)**
*Query Parameter* — Search the contents of the resource’s data using a filter

**_profile (optional)**
*Query Parameter* — Profiles this resource claims to conform to

**_tag (optional)**
*Query Parameter* — Tags applied to this resource

**_has (optional)**
*Query Parameter* — Return resources linked to by the given target

**name (optional)**
*Query Parameter* — The full product name

**_source (optional)**
*Query Parameter* — Identifies where the resource comes from

**_id (optional)**
*Query Parameter* — Logical id of this artifact

**_text (optional)**
*Query Parameter* — Search on the narrative of the resource

**_content (optional)**
*Query Parameter* — Search on the entire content of the resource

**Return type**

*Object*

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success *Object*

---

**GET /MedicinalProduct/_history**

**type-history**: Fetch the resource change history for all resources of type *MedicinalProduct* (*medicinalProductHistoryGet*)

**Return type**

*Object*

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
DELETE /MedicinalProduct/{id}

Instance-delete: Perform a logical delete on a resource instance (medicinalProductIdDelete)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

---

POST /MedicinalProduct/{id}/$expunge

(medicinalProductIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

---

GET /MedicinalProduct/{id}

Responses

200
Success Object
read-instance: Read MedicinalProduct instance (medicinalProductIdGet)

Path parameters

- **id** (required)
  - *Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

GET /MedicinalProduct/{id}/_history

instance-history: Fetch the resource change history for all resources of type MedicinalProduct (medicinalProductHistoryGet)

Path parameters

- **id** (required)
  - *Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success **Object**

---

GET /MedicinalProduct/{id}/_history/{version_id}

vread-instance: Read MedicinalProduct instance with specific version (medicinalProductIdHistoryVersionIdGet)

Path parameters

- **id** (required)
  - *Path Parameter* — The resource ID default: null
- **version_id** (required)
  - *Path Parameter* — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
POST /MedicinalProduct/{id}/$meta-add

(medicinalProductIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
  id (required)  
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
  - application/fhir+json

Request body
  body object (optional)  
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml

Responses
200  
Success Object

POST /MedicinalProduct/{id}/$meta-delete

(medicinalProductIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
  id (required)  
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
  - application/fhir+json

Request body
  body object (optional)  
  Body Parameter —

Return type
Object

Responses
200  
Success Object
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProduct/{id}/$meta
(medicinalProductIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /MedicinalProduct/{id}
(medicinalProductIdPatch)

instance-patch: Patch a resource instance of type MedicinalProduct by ID

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

PUT /MedicinalProduct/{id}

update-instance: Update an existing MedicinalProduct instance, or create using a client-assigned ID (medicinalProductIdPut)

**Path parameters**
- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body **object** (optional)
  
  *Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

GET /MedicinalProduct/{id}/$validate

(medicinalProductIdValidateGet)

**Path parameters**
- id (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**
- resource (optional)
  
  *Query Parameter* —

- mode (optional)
  
  *Query Parameter* —
### GET /MedicinalProduct/$meta

**Profile:** medicinalProductMetaGet  
**Description:** Request a list of tags, profiles, and security labels for a specific resource instance  

**Query parameters**  
- return (optional)

**Return type**  
Object

**Produces**  
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**  
200  
Success: Object

### POST /MedicinalProduct

**Profile:** medicinalProductPost  
**Description:** Create a new MedicinalProduct instance

**Consumes**  
This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json
- application/fhir+xml

**Request body**  
- body object (optional)

**Return type**  
Object

**Produces**  
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.
GET /MedicinalProduct/$validate

(medicinalProductValidateGet)

Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

MedicinalProductAuthorization

POST /MedicinalProductAuthorization/$expunge

(medicinalProductAuthorizationExpungePost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
  Body Parameter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
GET /MedicinalProductAuthorization

search-type: Search for MedicinalProductAuthorization instances (medicinalProductAuthorizationGet)
This is a search type

Query parameters

- **country (optional)**
  Query Parameter — The country in which the marketing authorization has been granted

- **identifier (optional)**
  Query Parameter — Business identifier for the marketing authorization, as assigned by a regulator

- **subject (optional)**
  Query Parameter — The medicinal product that is being authorized

- **lastUpdated (optional)**
  Query Parameter — When the resource version last changed

- **security (optional)**
  Query Parameter — Security Labels applied to this resource

- **holder (optional)**
  Query Parameter — Marketing Authorization Holder

- **filter (optional)**
  Query Parameter — Search the contents of the resource’s data using a filter

- **profile (optional)**
  Query Parameter — Profiles this resource claims to conform to

- **tag (optional)**
  Query Parameter — Tags applied to this resource

- **has (optional)**
  Query Parameter — Return resources linked to by the given target

- **source (optional)**
  Query Parameter — Identifies where the resource comes from

- **id (optional)**
  Query Parameter — Logical id of this artifact

- **text (optional)**
  Query Parameter — Search on the narrative of the resource

- **content (optional)**
  Query Parameter — Search on the entire content of the resource

- **status (optional)**
  Query Parameter — The status of the marketing authorization

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductAuthorization/_history
**type-history:** Fetch the resource change history for all resources of type MedicinalProductAuthorization (medicinalProductAuthorizationHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**DELETE /MedicinalProductAuthorization/{id}**

instance-delete: Perform a logical delete on a resource instance (medicinalProductAuthorizationIdDelete)

**Path parameters**

```text
id (required)
Path Parameter — The resource ID default: null
```

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**POST /MedicinalProductAuthorization/{id}/$expunge**

(medicinalProductAuthorizationIdExpungePost)

**Path parameters**

```text
id (required)
Path Parameter — The resource ID default: null
```

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

```text
body object (optional)
Body Parameter —
```

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**GET /MedicinalProductAuthorization/{id}**  
read-instance: Read MedicinalProductAuthorization instance (medicinalProductAuthorizationIdGet)

**Path parameters**

- id (required)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  
Success Object

**GET /MedicinalProductAuthorization/{id}/_history**  
instance-history: Fetch the resource change history for all resources of type MedicinalProductAuthorization (medicinalProductAuthorizationIdHistoryGet)

**Path parameters**

- id (required)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  
Success Object

**GET /MedicinalProductAuthorization/{id}/_history/{version_id}**  
vread-instance: Read MedicinalProductAuthorization instance with specific version (medicinalProductAuthorizationIdHistoryVersionIdGet)
Path parameters

- **id** (required)
  - Path Parameter — The resource ID default: null

- **version_id** (required)
  - Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

POST /MedicinalProductAuthorization/{id}/$meta-add

(medicinalProductAuthorizationIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id** (required)
  - Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body **object** (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

POST /MedicinalProductAuthorization/{id}/$meta-delete

(medicinalProductAuthorizationIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicinalProductAuthorization/{id}/$meta
(medicinalProductAuthorizationIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PATCH /MedicinalProductAuthorization/{id}
(medicinalProductAuthorizationIdPatch)
instance-patch: Patch a resource instance of type MedicinalProductAuthorization by ID
Path parameters
PUT /MedicinalProductAuthorization/{id}

update-instance: Update an existing MedicinalProductAuthorization instance, or create using a client-assigned ID (medicinalProductAuthorizationIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /MedicinalProductAuthorization/{id}/$validate

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicinalProductAuthorization/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /MedicinalProductAuthorization

create-type: Create a new MedicinalProductAuthorization instance (medicinalProductAuthorizationPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body **object** (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

```
GET /MedicinalProductAuthorization/$validate
```

**Query parameters**

- resource (optional)
  **Query Parameter**
- mode (optional)
  **Query Parameter**
- profile (optional)
  **Query Parameter**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

**MedicinalProductContraindication**

```
POST /MedicinalProductContraindication/$expunge
```

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MedicinalProductContraindication

search-type: Search for MedicinalProductContraindication instances (medicinalProductContraindicationGet)

This is a search type

Query parameters

(Profile (optional))
Query Parameter — Profiles this resource claims to conform to

(subject (optional))
Query Parameter — The medication for which this is an contraindication

(lastUpdated (optional))
Query Parameter — When the resource version last changed

(tag (optional))
Query Parameter — Tags applied to this resource

(has (optional))
Query Parameter — Return resources linked to by the given target

(security (optional))
Query Parameter — Security Labels applied to this resource

(source (optional))
Query Parameter — Identifies where the resource comes from

(id (optional))
Query Parameter — Logical id of this artifact

(text (optional))
Query Parameter — Search on the narrative of the resource

(content (optional))
Query Parameter — Search on the entire content of the resource

(filter (optional))
Query Parameter — Search the contents of the resource's data using a filter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
### GET /MedicinalProductContraindication/_history

**Operation:** Fetch the resource change history for all resources of type MedicinalProductContraindication

**Path:**
```
GET /MedicinalProductContraindication/_history
```

**Return type:** Object

**Produce types:**
- application/fhir+json
- application/fhir+xml

### DELETE /MedicinalProductContraindication/{id}

**Operation:** Perform a logical delete on a resource instance

**Path:**
```
DELETE /MedicinalProductContraindication/{id}
```

**Path parameters:**
- **id (required)**
  - **Path Parameter** — The resource ID default: null

**Return type:** Object

**Produce types:**
- application/fhir+json
- application/fhir+xml

### POST /MedicinalProductContraindication/{id}/$expunge

**Operation:**
```
POST /MedicinalProductContraindication/{id}/$expunge
```

**Path parameters:**
- **id (required)**
  - **Path Parameter** — The resource ID default: null

**Consumes:**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**
body **object** (optional)

*Body Parameter* –

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /MedicinalProductContraindication/{id}**

*read-instance: Read MedicinalProductContraindication instance (medicinalProductContraindicationIdGet)*

**Path parameters**

- **id** (required)

  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /MedicinalProductContraindication/{id}/_history**

*instance-history: Fetch the resource change history for all resources of type MedicinalProductContraindication (medicinalProductContraindicationIdHistoryGet)*

**Path parameters**

- **id** (required)

  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**
GET /MedicinalProductContraindication/{id}/_history/{version_id}

vread-instance: Read MedicinalProductContraindication instance with specific version (medicinalProductContraindicationIdHistoryVersionIdGet)

Path parameters
- **id (required)**
  Path Parameter — The resource ID default: null
- **version_id (required)**
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicinalProductContraindication/{id}/$meta-add

(medicinalProductContraindicationIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters
- **id (required)**
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body **object** (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /MedicinalProductContraindication/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MedicinalProductContraindication/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
PATCH /MedicinalProductContraindication/{id}

instance-patch: Patch a resource instance of type MedicinalProductContraindication by ID (medicinalProductContraindicationIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

PUT /MedicinalProductContraindication/{id}

update-instance: Update an existing MedicinalProductContraindication instance, or create using a client-assigned ID (medicinalProductContraindicationIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /MedicinalProductContraindication/{id}/$validate

(medicinalProductContraindicationIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductContraindication/$meta

(medicinalProductContraindicationMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /MedicinalProductContraindication
create-type: Create a new MedicinalProductContraindication instance (medicinalProductContraindicationPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicinalProductContraindication/$validate
(medicinalProductContraindicationValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

MedicinalProductIndication

POST /MedicinalProductIndication/$expunge
(medicinalProductIndicationExpungePost)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /MedicinalProductIndication

search-type: Search for MedicinalProductIndication instances (medicinalProductIndicationGet)

This is a search type

Query parameters

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

subject (optional)
Query Parameter — The medication for which this is an indication

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_security (optional)
Query Parameter — Security Labels applied to this resource

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /MedicinalProductIndication/_history

**type-history:** Fetch the resource change history for all resources of type MedicinalProductIndication
(medicinalProductIndicationHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

DELETE /MedicinalProductIndication/{id}

**instance-delete:** Perform a logical delete on a resource instance (medicinalProductIndicationIdDelete)

**Path parameters**

id (required)
- **Path Parameter** — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

POST /MedicinalProductIndication/{id}/$expunge

(medicinalProductIndicationIdExpungePost)

**Path parameters**

id (required)
- **Path Parameter** — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicinalProductIndication/{id}

read-instance: Read MedicinalProductIndication instance (medicinalProductIndicationIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicinalProductIndication/{id}/_history

instance-history: Fetch the resource change history for all resources of type MedicinalProductIndication (medicinalProductIndicationIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /MedicinalProductIndication/{id}/_history/{version_id}

vread-instance: Read MedicinalProductIndication instance with specific version (medicinalProductIndicationIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicinalProductIndication/{id}/$meta-add

(medicinalProductIndicationIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /MedicinalProductIndication/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /MedicinalProductIndication/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
PATCH /MedicinalProductIndication/{id}

instance-patch: Patch a resource instance of type MedicinalProductIndication by ID (medicinalProductIndicationIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

PUT /MedicinalProductIndication/{id}

update-instance: Update an existing MedicinalProductIndication instance, or create using a client-assigned ID (medicinalProductIndicationIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /MedicinalProductIndication/{id}/$validate
(medicinalProductIndicationIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductIndication/$meta
(medicinalProductIndicationMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /MedicinalProductIndication
create-type: Create a new MedicinalProductIndication instance (medicinalProductIndicationPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductIndication/$validate
(medicinalProductIndicationValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

MedicinalProductIngredient

POST /MedicinalProductIngredient/$expunge
(medicinalProductIngredientExpungePost)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductIngredient

search-type: Search for MedicinalProductIngredient instances (medicinalProductIngredientGet)

This is a search type

Query parameters

_-profile (optional)
Query Parameter — Profiles this resource claims to conform to

_-lastUpdated (optional)
Query Parameter — When the resource version last changed

_-tag (optional)
Query Parameter — Tags applied to this resource

_-has (optional)
Query Parameter — Return resources linked to by the given target

_-security (optional)
Query Parameter — Security Labels applied to this resource

_-source (optional)
Query Parameter — Identifies where the resource comes from

_-id (optional)
Query Parameter — Logical id of this artifact

_-text (optional)
Query Parameter — Search on the narrative of the resource

_-content (optional)
Query Parameter — Search on the entire content of the resource

_-filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /MedicinalProductIngredient/_history

Type-history: Fetch the resource change history for all resources of type MedicinalProductIngredient (medicinalProductIngredientHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

DELETE /MedicinalProductIngredient/{id}

Instance-delete: Perform a logical delete on a resource instance (medicinalProductIngredientIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /MedicinalProductIngredient/{id}/$expunge

(medicinalProductIngredientIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

body object (optional)

Body Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductIngredient/{id}

read-instance: Read MedicinalProductIngredient instance (medicinalProductIngredientIdGet)

Path parameters

id (required)
Path Parameter – The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductIngredient/{id}/_history

instance-history: Fetch the resource change history for all resources of type MedicinalProductIngredient (medicinalProductIngredientIdHistoryGet)

Path parameters

id (required)
Path Parameter – The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /MedicinalProductIngredient/{id}/_history/{version_id}

vread-instance: Read MedicinalProductIngredient instance with specific version
(medicinalProductIngredientIdHistoryVersionIdGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null
- version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /MedicinalProductIngredient/{id}/$meta-add

(medicinalProductIngredientIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
POST /MedicinalProductIngredient/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicinalProductIngredient/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
PATCH /MedicinalProductIngredient/{id}

instance-patch: Patch a resource instance of type MedicinalProductIngredient by ID (medicinalProductIngredientIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /MedicinalProductIngredient/{id}

update-instance: Update an existing MedicinalProductIngredient instance, or create using a client-assigned ID (medicinalProductIngredientIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /MedicinalProductIngredient/{id}/$validate

Path parameters
- id (required)  
  *Path Parameter* — The resource ID default: null

Query parameters
- resource (optional)  
  *Query Parameter* —  
- mode (optional)  
  *Query Parameter* —  
- profile (optional)  
  *Query Parameter* —

Return type
- Object

Produces
- This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml

Responses
- 200 Success Object

GET /MedicinalProductIngredient/$meta

Query parameters
- return (optional)  
  *Query Parameter* —

Return type
- Object

Produces
- This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml

Responses
- 200 Success Object
POST /MedicinalProductIngredient

create-type: Create a new MedicinalProductIngredient instance (medicinalProductIngredientPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

---

GET /MedicinalProductIngredient/$validate

(medicinalProductIngredientValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

---

MedicinalProductInteraction

POST /MedicinalProductInteraction/$expunge

(medicinalProductInteractionExpungePost)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body **object** (optional)

Body Parameter –

Return type
Object

Producers
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

GET /MedicinalProductInteraction

search-type: Search for MedicinalProductInteraction instances (**medicinalProductInteractionGet**)

This is a search type

Query parameters

- **_profile (optional)**
  Query Parameter – Profiles this resource claims to conform to

- **subject (optional)**
  Query Parameter – The medication for which this is an interaction

- **_lastUpdated (optional)**
  Query Parameter – When the resource version last changed

- **_tag (optional)**
  Query Parameter – Tags applied to this resource

- **_has (optional)**
  Query Parameter – Return resources linked to by the given target

- **_security (optional)**
  Query Parameter – Security Labels applied to this resource

- **_source (optional)**
  Query Parameter – Identifies where the resource comes from

- **_id (optional)**
  Query Parameter – Logical id of this artifact

- **_text (optional)**
  Query Parameter – Search on the narrative of the resource

- **_content (optional)**
  Query Parameter – Search on the entire content of the resource

- **_filter (optional)**
  Query Parameter – Search the contents of the resource's data using a filter

Return type
Object

Producers
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /MedicinalProductInteraction/_history

type-history: Fetch the resource change history for all resources of type MedicinalProductInteraction
(medicinalProductInteractionHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /MedicinalProductInteraction/{id}

instance-delete: Perform a logical delete on a resource instance (medicinalProductInteractionIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicinalProductInteraction/{id}/$expunge

(medicinalProductInteractionIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

---

**GET /MedicinalProductInteraction/{id}**

read-instance: Read MedicinalProductInteraction instance (medicinalProductInteractionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

---

**GET /MedicinalProductInteraction/{id}/_history**

instance-history: Fetch the resource change history for all resources of type MedicinalProductInteraction (medicinalProductInteractionIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
GET /MedicinalProductInteraction/{id}/_history/{version_id}

vread-instance: Read MedicinalProductInteraction instance with specific version
(medicinalProductInteractionIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicinalProductInteraction/{id}/$meta-add

(medicinalProductInteractionIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
### POST /MedicinalProductInteraction/{id}/meta-delete

(requestmedicinalProductInteractionIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body** *object* (optional)
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  
  Success *Object*

---

### GET /MedicinalProductInteraction/{id}/meta

(requestmedicinalProductInteractionIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **return (optional)**
  
  *Query Parameter*

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  
  Success *Object*
PATCH /MedicinalProductInteraction/{id}

instance-patch: Patch a resource instance of type MedicinalProductInteraction by ID (medicinalProductInteractionIdPatch)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PUT /MedicinalProductInteraction/{id}

update-instance: Update an existing MedicinalProductInteraction instance, or create using a client-assigned ID (medicinalProductInteractionIdPut)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /MedicinalProductInteraction/{id}/$validate

(medicinalProductInteractionIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductInteraction/$meta

(medicinalProductInteractionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /MedicinalProductInteraction

create-type: Create a new MedicinalProductInteraction instance (medicinalProductInteractionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body **object** (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success **Object**

GET /MedicinalProductInteraction/$validate

(medicinalProductInteractionValidateGet)

Query parameters

- resource (optional)

Query Parameter —

- mode (optional)

Query Parameter —

- profile (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success **Object**

MedicinalProductManufactured

POST /MedicinalProductManufactured/$expunge

(medicinalProductManufacturedExpungePost)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  - application/fhir+xml

Responses

200
Success Object

GET /MedicinalProductManufactured

search-type: Search for MedicinalProductManufactured instances (medicinalProductManufacturedGet)
This is a search type

Query parameters

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_security (optional)
Query Parameter — Security Labels applied to this resource

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_filter (optional)
Query Parameter — Search the contents of the resource’s data using a filter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /MedicinalProductManufactured/_history

- type-history: Fetch the resource change history for all resources of type MedicinalProductManufactured (medicinalProductManufacturedHistoryGet)

**Response**
- Object

**Produces**
- This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
  - application/fhir+json
  - application/fhir+xml

**Responses**
- 200 Success Object

DELETE /MedicinalProductManufactured/{id}

- instance-delete: Perform a logical delete on a resource instance (medicinalProductManufacturedIdDelete)

**Path parameters**
- id (required) Path Parameter — The resource ID default: null

**Return type**
- Object

**Produces**
- This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
  - application/fhir+json
  - application/fhir+xml

**Responses**
- 200 Success Object

POST /MedicinalProductManufactured/{id}/$expunge

- (medicinalProductManufacturedIdExpungePost)

**Path parameters**
- id (required) Path Parameter — The resource ID default: null

**Consumes**
- This API call consumes the following media types via the Content-Type request header:
  - application/fhir+json
Request body

body object (optional)

Body Parameter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MedicinalProductManufactured/{id}

read-instance: Read MedicinalProductManufactured instance (medicinalProductManufacturedIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MedicinalProductManufactured/{id}/_history

instance-history: Fetch the resource change history for all resources of type MedicinalProductManufactured (medicinalProductManufacturedIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
GET /MedicinalProductManufactured/{id}/_history/{version_id}  

vread-instance: Read MedicinalProductManufactured instance with specific version  
(medicinalProductManufacturedIdHistoryVersionIdGet)

Path parameters

- **id** (required)
  - *Path Parameter* — The resource ID default: null

- **version_id** (required)
  - *Path Parameter* — The resource version ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /MedicinalProductManufactured/{id}/$meta-add  
(medicinalProductManufacturedIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id** (required)
  - *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body** object (optional)
  - *Body Parameter* —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
POST /MedicinalProductManufactured/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductManufactured/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
PATCH /MedicinalProductManufactured/{id}

instance-patch: Patch a resource instance of type MedicinalProductManufactured by ID (medicinalProductManufacturedIdPatch)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PUT /MedicinalProductManufactured/{id}

update-instance: Update an existing MedicinalProductManufactured instance, or create using a client-assigned ID (medicinalProductManufacturedIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
**GET /MedicinalProductManufactured/{id}/$validate**

(path: medicinalProductManufacturedIdValidateGet)

**Path parameters**
- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Query parameters**
- **resource (optional)**
  - *Query Parameter* —
- **mode (optional)**
  - *Query Parameter* —
- **profile (optional)**
  - *Query Parameter* —

**Return type**
- **Object**

**Produces**
- This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - `application/fhir+json`
  - `application/fhir+xml`

**Responses**
- **200**
  - Success **Object**

---

**GET /MedicinalProductManufactured/$meta**

(path: medicinalProductManufacturedMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**
- **return (optional)**
  - *Query Parameter* —

**Return type**
- **Object**

**Produces**
- This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - `application/fhir+json`
  - `application/fhir+xml`

**Responses**
- **200**
  - Success **Object**
### POST /MedicinalProductManufactured

**create-type:** Create a new MedicinalProductManufactured instance *(medicinalProductManufacturedPost)*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

**body object** *(optional)*

**Body Parameter** —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

### GET /MedicinalProductManufactured/$validate

*(medicinalProductManufacturedValidateGet)*

**Query parameters**

- resource *(optional)*
  
  **Query Parameter** —

- mode *(optional)*
  
  **Query Parameter** —

- profile *(optional)*
  
  **Query Parameter** —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**MedicinalProductPackaged**

### POST /MedicinalProductPackaged/$expunge

*(medicinalProductPackagedExpungePost)*

https://10.2.2.41/api-doc/
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MedicinalProductPackaged

search-type: Search for MedicinalProductPackaged instances (medicinalProductPackagedGet)

This is a search type

Query parameters

- identifier (optional)
  Query Parameter — Unique identifier

- _profile (optional)
  Query Parameter — Profiles this resource claims to conform to

- subject (optional)
  Query Parameter — The product with this is a pack for

- _lastUpdated (optional)
  Query Parameter — When the resource version last changed

- _tag (optional)
  Query Parameter — Tags applied to this resource

- _has (optional)
  Query Parameter — Return resources linked to by the given target

- _security (optional)
  Query Parameter — Security Labels applied to this resource

- _source (optional)
  Query Parameter — Identifies where the resource comes from

- _id (optional)
  Query Parameter — Logical id of this artifact

- _text (optional)
  Query Parameter — Search on the narrative of the resource

- _content (optional)
  Query Parameter — Search on the entire content of the resource

- _filter (optional)
  Query Parameter — Search the contents of the resource's data using a filter

Return type

Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductPackaged/_history

`type-history`: Fetch the resource change history for all resources of type MedicinalProductPackaged
`medicinalProductPackagedHistoryGet`

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /MedicinalProductPackaged/{id}

`instance-delete`: Perform a logical delete on a resource instance
`medicinalProductPackagedIdDelete`

Path parameters
- id (required)
  `Path Parameter` — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicinalProductPackaged/{id}/$expunge

`medicinalProductPackagedIdExpungePost`

Path parameters
- id (required)
  `Path Parameter` — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MedicinalProductPackaged/{id}

read-instance: Read MedicinalProductPackaged instance (medicinalProductPackagedIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MedicinalProductPackaged/{id}/_history

instance-history: Fetch the resource change history for all resources of type MedicinalProductPackaged (medicinalProductPackagedIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /MedicinalProductPackaged/{id}/_history/{version_id}

vread-instance: Read MedicinalProductPackaged instance with specific version
(medicinalProductPackagedIdHistoryVersionIdGet)

Path parameters
  id (required)
  Path Parameter — The resource ID default: null
  version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicinalProductPackaged/{id}/$meta-add

(medicinalProductPackagedIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters
  id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
  body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml
POST /MedicinalProductPackaged/{id}/$meta-delete

(medicinalProductPackagedIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductPackaged/{id}/$meta

(medicinalProductPackagedIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Query parameters

return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
PATCH /MedicinalProductPackaged/{id}

instance-patch: Patch a resource instance of type MedicinalProductPackaged by ID (medicinalProductPackagedIdPatch)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

  - application/fhir+json
  - application/fhir+xml

Request body
  body object (optional)
  Body Parameter —

Return type
Object

PUT /MedicinalProductPackaged/{id}

update-instance: Update an existing MedicinalProductPackaged instance, or create using a client-assigned ID (medicinalProductPackagedIdPut)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

  - application/fhir+json
  - application/fhir+xml

Request body
  body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductPackaged/{id}/$validate

(medicinalProductPackagedIdValidateGet)

Path parameters

- id (required)
  
  **Path Parameter** — The resource ID default: null

Query parameters

- resource (optional)
  
  **Query Parameter** —

- mode (optional)
  
  **Query Parameter** —

- profile (optional)
  
  **Query Parameter** —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductPackaged/$meta

(medicinalProductPackagedMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  
  **Query Parameter** —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST /MedicinalProductPackaged

create-type: Create a new MedicinalProductPackaged instance (medicinalProductPackagedPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductPackaged/$validate

(medicinalProductPackagedValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /MedicinalProductPharmaceutical/$expunge
(medicinalProductPharmaceuticalExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MedicinalProductPharmaceutical

search-type: Search for MedicinalProductPharmaceutical instances (medicinalProductPharmaceuticalGet)
This is a search type

Query parameters

identifier (optional)
Query Parameter — An identifier for the pharmaceutical medicinal product

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_route (optional)
Query Parameter — Coded expression for the route

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

target-species (optional)
Query Parameter — Coded expression for the species

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductPharmaceutical/_history

Type-history: Fetch the resource change history for all resources of type MedicinalProductPharmaceutical (medicinalProductPharmaceuticalHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

DELETE /MedicinalProductPharmaceutical/{id}

Instance-delete: Perform a logical delete on a resource instance (medicinalProductPharmaceuticalIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

POST /MedicinalProductPharmaceutical/{id}/$expunge

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /MedicinalProductPharmaceutical/{id}

read-instance: Read MedicinalProductPharmaceutical instance (medicinalProductPharmaceuticalIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /MedicinalProductPharmaceutical/{id}/_history

instance-history: Fetch the resource change history for all resources of type MedicinalProductPharmaceutical (medicinalProductPharmaceuticalIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

https://10.2.2.41/api-doc/
GET /MedicinalProductPharmaceutical/{id}/_history/{version_id}

vread-instance: Read MedicinalProductPharmaceutical instance with specific version
(medicinalProductPharmaceuticalIdHistoryVersionIdGet)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null
- version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicinalProductPharmaceutical/{id}/$meta-add

(medicinalProductPharmaceuticalIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicinalProductPharmaceutical/{id}/$meta-delete

(medicinalProductPharmaceuticalIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductPharmaceutical/{id}/$meta

(medicinalProductPharmaceuticalIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Query parameters

- return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /MedicinalProductPharmaceutical/{id}
instance-patch: Patch a resource instance of type MedicinalProductPharmaceutical by ID (medicinalProductPharmaceuticalIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /MedicinalProductPharmaceutical/{id}
update-instance: Update an existing MedicinalProductPharmaceutical instance, or create using a client-assigned ID (medicinalProductPharmaceuticalIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
Request body
  body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductPharmaceutical/{id}/$validate

(medicinalProductPharmaceuticalIdValidateGet)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Query parameters
  resource (optional)
    Query Parameter —
  mode (optional)
    Query Parameter —
  profile (optional)
    Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductPharmaceutical/$meta

(medicinalProductPharmaceuticalMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
  return (optional)
    Query Parameter —
POST /MedicinalProductPharmaceutical

create-type: Create a new MedicinalProductPharmaceutical instance (medicinalProductPharmaceuticalPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

GET /MedicinalProductPharmaceutical/$validate

(medicinalProductPharmaceuticalValidateGet)

Query parameters

- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
MedicinalProductUndesirableEffect

POST /MedicinalProductUndesirableEffect/$expunge

(medicinalProductUndesirableEffectExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductUndesirableEffect

(search-type: Search for MedicinalProductUndesirableEffect instances (medicinalProductUndesirableEffectGet)
This is a search type

Query parameters

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_subject (optional)
Query Parameter — The medication for which this is an undesirable effect

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_security (optional)
Query Parameter — Security Labels applied to this resource

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
GET /MedicinalProductUndesirableEffect/_history

**Return type**
Object

**Produce**
The API produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

```
application/fhir+json
application/fhir+xml
```

**Responses**

```
200 Success Object
```

DELETE /MedicinalProductUndesirableEffect/{id}

**Path parameters**

<table>
<thead>
<tr>
<th>id (required)</th>
</tr>
</thead>
</table>

**Return type**
Object

**Produce**
The API produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

```
application/fhir+json
application/fhir+xml
```

**Responses**

```
200
```
POST /MedicinalProductUndesirableEffect/{id}/$expunge

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /MedicinalProductUndesirableEffect/{id}

read-instance: Read MedicinalProductUndesirableEffect instance (medicinalProductUndesirableEffectIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /MedicinalProductUndesirableEffect/{id}/_history

instance-history: Fetch the resource change history for all resources of type MedicinalProductUndesirableEffect (medicinalProductUndesirableEffectIdHistoryGet)
Path parameters

id (required)
   *Path Parameter* — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MedicinalProductUndesirableEffect/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
   *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
   - body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /MedicinalProductUndesirableEffect/{id}/$meta-delete
(medicinalProductUndesirableEffectIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
- Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MedicinalProductUndesirableEffect/{id}/$meta
(medicinalProductUndesirableEffectIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
- Path Parameter — The resource ID default: null

Query parameters
**PATCH /MedicinalProductUndesirableEffect/{id}**

instance-patch: Patch a resource instance of type MedicinalProductUndesirableEffect by ID (medicinalProductUndesirableEffectIdPatch)

**Path parameters**

- **id (required)**
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body object (optional)**
  *Body Parameter* —

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  Success [Object](#)

---

**PUT /MedicinalProductUndesirableEffect/{id}**

update-instance: Update an existing MedicinalProductUndesirableEffect instance, or create using a client-assigned ID (medicinalProductUndesirableEffectIdPut)

**Path parameters**

- **id (required)**
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  Success [Object](#)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductUndesirableEffect/{id}/$validate
(medicinalProductUndesirableEffectIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MedicinalProductUndesirableEffect/$meta
(medicinalProductUndesirableEffectMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance
POST /MedicinalProductUndesirableEffect

create-type: Create a new MedicinalProductUndesirableEffect instance (medicinalProductUndesirableEffectPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

**MessageDefinition**

POST /MessageDefinition/$expunge

(messageDefinitionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /MessageDefinition

search-type: Search for MessageDefinition instances (messageDefinitionGet)

This is a search type

Query parameters

date (optional)

Query Parameter

Multiple Resources:

- **CapabilityStatement**: The capability statement publication date
- **CodeSystem**: The code system publication date
- **CompartmentDefinition**: The compartment definition publication date
- **ConceptMap**: The concept map publication date
- **GraphDefinition**: The graph definition publication date
- **ImplementationGuide**: The implementation guide publication date
- **MessageDefinition**: The message definition publication date
- **NamingSystem**: The naming system publication date
- **OperationDefinition**: The operation definition publication date

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parent (optional)
Query Parameter — A resource that is the parent of the definition

category-type-value (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A use context type and value assigned to the capability statement
- **CodeSystem**: A use context type and value assigned to the code system
- **ConceptMap**: A use context type and value assigned to the concept map
- **GraphDefinition**: A use context type and value assigned to the graph definition
- **ImplementationGuide**: A use context type and value assigned to the implementation guide
- **MessageDefinition**: A use context type and value assigned to the message definition
- **NamingSystem**: A use context type and value assigned to the naming system
- **OperationDefinition**: A use context type and value assigned to the operation definition
- **SearchParameter**: A use context type and value assigned to the search parameter
- **StructureDefinition**: A use context type and value assigned to the structure definition
- **StructureMap**: A use context type and value assigned to the structure map
- **TerminologyCapabilities**: A use context type and value assigned to the terminology capabilities
- **ValueSet**: A use context type and value assigned to the value set

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Intended jurisdiction for the capability statement
- **CodeSystem**: Intended jurisdiction for the code system
- **ConceptMap**: Intended jurisdiction for the concept map
- **GraphDefinition**: Intended jurisdiction for the graph definition
- **ImplementationGuide**: Intended jurisdiction for the implementation guide
- **MessageDefinition**: Intended jurisdiction for the message definition
- **NamingSystem**: Intended jurisdiction for the naming system
- **OperationDefinition**: Intended jurisdiction for the operation definition
- **SearchParameter**: Intended jurisdiction for the search parameter
- **StructureDefinition**: Intended jurisdiction for the structure definition
- **StructureMap**: Intended jurisdiction for the structure map
- **TerminologyCapabilities**: Intended jurisdiction for the terminology capabilities
- **ValueSet**: Intended jurisdiction for the value set

description (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The description of the capability statement
- **CodeSystem**: The description of the code system
- **ConceptMap**: The description of the concept map
- **GraphDefinition**: The description of the graph definition
- **ImplementationGuide**: The description of the implementation guide
- **MessageDefinition**: The description of the message definition
- **NamingSystem**: The description of the naming system
- **OperationDefinition**: The description of the operation definition
- **SearchParameter**: The description of the search parameter
- **StructureDefinition**: The description of the structure definition
- **StructureMap**: The description of the structure map
- **TerminologyCapabilities**: The description of the terminology capabilities
ValueSet: The description of the value set

focus (optional)
Query Parameter — A resource that is a permitted focus of the message

category-type (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: A type of use context assigned to the capability statement
- CodeSystem: A type of use context assigned to the code system
- CompartmentDefinition: A type of use context assigned to the compartment definition
- ConceptMap: A type of use context assigned to the concept map
- GraphDefinition: A type of use context assigned to the graph definition
- ImplementationGuide: A type of use context assigned to the implementation guide
- MessageDefinition: A type of use context assigned to the message definition
- NamingSystem: A type of use context assigned to the naming system
- OperationDefinition: A type of use context assigned to the operation definition
- SearchParameter: A type of use context assigned to the search parameter
- StructureDefinition: A type of use context assigned to the structure definition
- StructureMap: A type of use context assigned to the structure map
- TerminologyCapabilities: A type of use context assigned to the terminology capabilities
- ValueSet: A type of use context assigned to the value set

title (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: The human-friendly name of the capability statement
- CodeSystem: The human-friendly name of the code system
- ConceptMap: The human-friendly name of the concept map
- ImplementationGuide: The human-friendly name of the implementation guide
- MessageDefinition: The human-friendly name of the message definition
- OperationDefinition: The human-friendly name of the operation definition
- StructureDefinition: The human-friendly name of the structure definition
- StructureMap: The human-friendly name of the structure map
- TerminologyCapabilities: The human-friendly name of the terminology capabilities
- ValueSet: The human-friendly name of the value set

category-quantity (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: A quantity- or range-valued use context assigned to the capability statement
- CodeSystem: A quantity- or range-valued use context assigned to the code system
- CompartmentDefinition: A quantity- or range-valued use context assigned to the compartment definition
- ConceptMap: A quantity- or range-valued use context assigned to the concept map
- GraphDefinition: A quantity- or range-valued use context assigned to the graph definition
- ImplementationGuide: A quantity- or range-valued use context assigned to the implementation guide
- MessageDefinition: A quantity- or range-valued use context assigned to the message definition
- NamingSystem: A quantity- or range-valued use context assigned to the naming system
- OperationDefinition: A quantity- or range-valued use context assigned to the operation definition
- SearchParameter: A quantity- or range-valued use context assigned to the search parameter
- StructureDefinition: A quantity- or range-valued use context assigned to the structure definition
- StructureMap: A quantity- or range-valued use context assigned to the structure map
- TerminologyCapabilities: A quantity- or range-valued use context assigned to the terminology capabilities
- ValueSet: A quantity- or range-valued use context assigned to the value set

category (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: A use context assigned to the capability statement
  - **CodeSystem**: A use context assigned to the code system
  - **CompartmentDefinition**: A use context assigned to the compartment definition
  - **ConceptMap**: A use context assigned to the concept map
  - **GraphDefinition**: A use context assigned to the graph definition
  - **ImplementationGuide**: A use context assigned to the implementation guide
  - **MessageDefinition**: A use context assigned to the message definition
  - **NamingSystem**: A use context assigned to the naming system
  - **OperationDefinition**: A use context assigned to the operation definition
  - **SearchParameter**: A use context assigned to the search parameter
  - **StructureDefinition**: A use context assigned to the structure definition
  - **StructureMap**: A use context assigned to the structure map
  - **TerminologyCapabilities**: A use context assigned to the terminology capabilities
  - **ValueSet**: A use context assigned to the value set

**Event (optional)**

- **Query Parameter** — The event that triggers the message or link to the event definition.

**Context-type-quantity (optional)**

- **Query Parameter** —

**Multiple Resources:**

- **CapabilityStatement**: A use context type and quantity- or range-based value assigned to the capability statement
  - **CodeSystem**: A use context type and quantity- or range-based value assigned to the code system
  - **CompartmentDefinition**: A use context type and quantity- or range-based value assigned to the compartment definition
  - **ConceptMap**: A use context type and quantity- or range-based value assigned to the concept map
  - **GraphDefinition**: A use context type and quantity- or range-based value assigned to the graph definition
  - **ImplementationGuide**: A use context type and quantity- or range-based value assigned to the implementation guide
  - **MessageDefinition**: A use context type and quantity- or range-based value assigned to the message definition
  - **NamingSystem**: A use context type and quantity- or range-based value assigned to the naming system
  - **OperationDefinition**: A use context type and quantity- or range-based value assigned to the operation definition
  - **SearchParameter**: A use context type and quantity- or range-based value assigned to the search parameter
  - **StructureDefinition**: A use context type and quantity- or range-based value assigned to the structure definition
  - **StructureMap**: A use context type and quantity- or range-based value assigned to the structure map
  - **TerminologyCapabilities**: A use context type and quantity- or range-based value assigned to the terminology capabilities
  - **ValueSet**: A use context type and quantity- or range-based value assigned to the value set

**Identifier (optional)**

- **Query Parameter** —

**Multiple Resources:**

- **CodeSystem**: External identifier for the code system
  - **ConceptMap**: External identifier for the concept map
  - **MessageDefinition**: External identifier for the message definition
  - **StructureDefinition**: External identifier for the structure definition
  - **StructureMap**: External identifier for the structure map
  - **ValueSet**: External identifier for the value set

**Security (optional)**

- **Query Parameter** — Security Labels applied to this resource

**Version (optional)**

- **Query Parameter** —

**Multiple Resources:**
**CapabilityStatement**: The business version of the capability statement
- **CodeSystem**: The business version of the code system
- **CompartmentDefinition**: The business version of the compartment definition
- **ConceptMap**: The business version of the concept map
- **GraphDefinition**: The business version of the graph definition
- **ImplementationGuide**: The business version of the implementation guide
- **MessageDefinition**: The business version of the message definition
- **OperationDefinition**: The business version of the operation definition
- **SearchParameter**: The business version of the search parameter
- **StructureDefinition**: The business version of the structure definition
- **StructureMap**: The business version of the structure map
- **TerminologyCapabilities**: The business version of the terminology capabilities
- **ValueSet**: The business version of the value set

**url (optional)**

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: The uri that identifies the capability statement
- **CodeSystem**: The uri that identifies the code system
- **CompartmentDefinition**: The uri that identifies the compartment definition
- **ConceptMap**: The uri that identifies the concept map
- **GraphDefinition**: The uri that identifies the graph definition
- **ImplementationGuide**: The uri that identifies the implementation guide
- **MessageDefinition**: The uri that identifies the message definition
- **OperationDefinition**: The uri that identifies the operation definition
- **SearchParameter**: The uri that identifies the search parameter
- **StructureDefinition**: The uri that identifies the structure definition
- **StructureMap**: The uri that identifies the structure map
- **TerminologyCapabilities**: The uri that identifies the terminology capabilities
- **ValueSet**: The uri that identifies the value set

**_filter (optional)**

*Query Parameter* — Search the contents of the resource's data using a filter

**_profile (optional)**

*Query Parameter* — Profiles this resource claims to conform to

**_tag (optional)**

*Query Parameter* — Tags applied to this resource

**_has (optional)**

*Query Parameter* — Return resources linked to by the given target

**name (optional)**

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: Computationally friendly name of the capability statement
- **CodeSystem**: Computationally friendly name of the code system
- **CompartmentDefinition**: Computationally friendly name of the compartment definition
- **ConceptMap**: Computationally friendly name of the concept map
- **GraphDefinition**: Computationally friendly name of the graph definition
- **ImplementationGuide**: Computationally friendly name of the implementation guide
- **MessageDefinition**: Computationally friendly name of the message definition
- **NamingSystem**: Computationally friendly name of the naming system
- **OperationDefinition**: Computationally friendly name of the operation definition
- **SearchParameter**: Computationally friendly name of the search parameter
- **StructureDefinition**: Computationally friendly name of the structure definition
- **StructureMap**: Computationally friendly name of the structure map
- **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
- **ValueSet**: Computationally friendly name of the value set

**publisher (optional)**

*Query Parameter* —

Multiple Resources:
**Path:** 
/MessageDefinition/_history

**Method:** GET

**Description:**
Fetch the resource change history for all resources of type **MessageDefinition** (messageDefinitionHistoryGet)

**Query Parameters:**
- `_source` (optional) — Identifies where the resource comes from
- `_id` (optional) — Logical id of this artifact
- `_text` (optional) — Search on the narrative of the resource
- `_content` (optional) — Search on the entire content of the resource
- `category` (optional) — The behavior associated with the message
- `status` (optional) —

**Multiple Resources:**
- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
- **SearchParameter**: The current status of the search parameter
- **StructureDefinition**: The current status of the structure definition
- **StructureMap**: The current status of the structure map
- **TerminologyCapabilities**: The current status of the terminology capabilities
- **ValueSet**: The current status of the value set

**Return type:**
Object

**Produces:**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the **Content-Type** response header.
- application/fhir+json
- application/fhir+xml

**Responses:**
- 200 Success
- Object
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /MessageDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (messageDefinitionIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /MessageDefinition/{id}/$expunge

(messageDefinitionIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
### GET /MessageDefinition/{id}

read-instance: Read MessageDefinition instance

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id (required)</td>
<td>The resource ID default: null</td>
</tr>
</tbody>
</table>

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object

### GET /MessageDefinition/{id}/_history

instance-history: Fetch the resource change history for all resources of type MessageDefinition

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id (required)</td>
<td>The resource ID default: null</td>
</tr>
</tbody>
</table>

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object

### GET /MessageDefinition/{id}/_history/{version_id}

vread-instance: Read MessageDefinition instance with specific version

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id (required)</td>
<td>The resource ID default: null</td>
</tr>
<tr>
<td>version_id (required)</td>
<td></td>
</tr>
</tbody>
</table>

---

https://10.2.2.41/api-doc/ 883/2148
POST /MessageDefinition/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

POST /MessageDefinition/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MessageDefinition/{id}/$meta

(messageDefinitionIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PATCH /MessageDefinition/{id}

(instance-patch: Patch a resource instance of type MessageDefinition by ID (messageDefinitionIdPatch))

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
PUT /MessageDefinition/{id}

update-instance: Update an existing MessageDefinition instance, or create using a client-assigned ID (messageDefinitionIdPut)

Path parameters

- id (required)
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body **object** (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**

GET /MessageDefinition/{id}/$validate

(messageDefinitionIdValidateGet)

Path parameters

- id (required)
**Query parameters**

resource (optional)
Query Parameter

mode (optional)
Query Parameter

profile (optional)
Query Parameter

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**GET /MessageDefinition/$meta**

(messageDefinitionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

return (optional)
Query Parameter

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**POST /MessageDefinition**

create-type: Create a new MessageDefinition instance (messageDefinitionPost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MessageDefinition/$validate
(messageDefinitionValidateGet)

Query parameters

resource (optional)
Query Parameter

mode (optional)
Query Parameter

profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

MessageHeader

POST /MessageHeader/$expunge
(messageHeaderExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter

Return type
Object
Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MessageHeader

search-type: Search for MessageHeader instances (messageHeaderGet)
This is a search type

Query parameters

code (optional)
Query Parameter — ok | transient-error | fatal-error

receiver (optional)
Query Parameter — Intended “real-world” recipient for the data

author (optional)
Query Parameter — The source of the decision

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

destination (optional)
Query Parameter — Name of system

focus (optional)
Query Parameter — The actual content of the message

source (optional)
Query Parameter — Name of system

target (optional)
Query Parameter — Particular delivery destination within the destination

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

destination-uri (optional)
Query Parameter — Actual destination address or id

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

sender (optional)
Query Parameter — Real world sender of the message

source-uri (optional)
Query Parameter — Actual message source address or id

_tag (optional)
Query Parameter — Tags applied to this resource

responsible (optional)
Query Parameter — Final responsibility for event

_has (optional)
Query Parameter — Return resources linked to by the given target

enterer (optional)
Query Parameter — The source of the data entry

response-id (optional)
Query Parameter — Id of original message
_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_event (optional)
Query Parameter — Code for the event this message represents or link to event definition

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MessageHeader/_history

_type-history: Fetch the resource change history for all resources of type MessageHeader (messageHeaderHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

DELETE /MessageHeader/{id}

_instance-delete: Perform a logical delete on a resource instance (messageHeaderIdDelete)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
**POST /MessageHeader/{id}/$expunge**

Path parameters
- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body object (optional)**
  
  *Body Parameter*

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

**GET /MessageHeader/{id}**

read-instance: Read MessageHeader instance (messageHeaderIdGet)

Path parameters
- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
instance-history: Fetch the resource change history for all resources of type MessageHeader
(messageHeaderIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

<table>
<thead>
<tr>
<th>Media Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>application/fhir+json</td>
</tr>
<tr>
<td>application/fhir+xml</td>
</tr>
</tbody>
</table>

Responses
200 Success Object

GET /MessageHeader/{id}/_history/{version_id}
vread-instance: Read MessageHeader instance with specific version (messageHeaderIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

<table>
<thead>
<tr>
<th>Media Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>application/fhir+json</td>
</tr>
<tr>
<td>application/fhir+xml</td>
</tr>
</tbody>
</table>

Responses
200 Success Object

POST /MessageHeader/{id}/$meta-add
(messageHeaderIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

<table>
<thead>
<tr>
<th>Media Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>application/fhir+json</td>
</tr>
</tbody>
</table>
POST /MessageHeader/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MessageHeader/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null
Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

PATCH /MessageHeader/{id}

instance-patch: Patch a resource instance of type MessageHeader by ID (messageHeaderIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

PUT /MessageHeader/{id}

update-instance: Update an existing MessageHeader instance, or create using a client-assigned ID (messageHeaderIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes


This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body `object` (optional)

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success `Object`

---

**GET /MessageHeader/{id}/$validate**

(messageHeaderIdValidateGet)

**Path parameters**

- id (required)
  - Path Parameter — The resource ID default: null

**Query parameters**

- resource (optional)
  - Query Parameter
- mode (optional)
  - Query Parameter
- profile (optional)
  - Query Parameter

**Return type**

- Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success `Object`

---

**GET /MessageHeader/$meta**

(messageHeaderMetaGet)

**Request a list of tags, profiles, and security labels for a specific resource instance**

**Query parameters**

---

https://10.2.2.41/api-doc/
POST /MessageHeader

create-type: Create a new MessageHeader instance (messageHeaderPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body object (optional) (Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /MessageHeader/$validate

(messageHeaderValidateGet)

Query parameters
- resource (optional) (Query Parameter —
- mode (optional) (Query Parameter —
- profile (optional) (Query Parameter —

Return type
Object
**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

### MolecularSequence

**POST /MolecularSequence/$expunge**

(molecularSequenceExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

*body object* (optional)

*Body Parameter* —

**Return type**
**Object**

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

**GET /MolecularSequence**

search-type: Search for MolecularSequence instances (molecularSequenceGet)

This is a search type

**Query parameters**

- **identifier (optional)**  
  *Query Parameter* — The unique identity for a particular sequence

- **referenceseqid-variant-coordinate (optional)**  
  *Query Parameter* — Search parameter by reference sequence and variant coordinate. This will refer to part of a locus or part of a gene where search region will be represented in 1-based system. Since the coordinateSystem can either be 0-based or 1-based, this search query will include the result of both coordinateSystem that contains the equivalent segment of the gene or whole genome sequence. For example, a search for sequence can be represented as referenceseqid-variant-coordinate=NC_000001.11$lt345$gt123, this means it will search for the MolecularSequence resource with variants on NC_000001.11 and with position >123 and <345, where in 1-based system resource, all strings within region NC_000001.11:124-344 will be revealed, while in 0-based system resource, all strings within region NC_000001.11:123-344 will be revealed. You may want to check detail about 0-based v.s. 1-based above.

- **_lastUpdated (optional)**
Query Parameter — When the resource version last changed

chromosome (optional)
Query Parameter — Chromosome number of the reference sequence

_security (optional)
Query Parameter — Security Labels applied to this resource

type (optional)
Query Parameter — Amino Acid Sequence/ DNA Sequence / RNA Sequence

window-end (optional)
Query Parameter — End position (0-based exclusive, which means the acid at this position will not be included, 1-based inclusive, which means the acid at this position will be included) of the reference sequence.

window-start (optional)
Query Parameter — Start position (0-based inclusive, 1-based inclusive, that means the nucleic acid or amino acid at this position will be included) of the reference sequence.

variant-end (optional)
Query Parameter — End position (0-based exclusive, which means the acid at this position will not be included, 1-based inclusive, which means the acid at this position will be included) of the variant.

_filter (optional)
Query Parameter — Search the contents of the resource’s data using a filter

chromosome-variant-coordinate (optional)
Query Parameter — Search parameter by chromosome and variant coordinate. This will refer to part of a locus or part of a gene where search region will be represented in 1-based system. Since the coordinateSystem can either be 0-based or 1-based, this search query will include the result of both coordinateSystem that contains the equivalent segment of the gene or whole genome sequence. For example, a search for sequence can be represented as chromosome-variant-coordinate=1$lt345$gt123, this means it will search for the MolecularSequence resource with variants on chromosome 1 and with position >123 and <345, where in 1-based system resource, all strings within region 1:124-344 will be revealed, while in 0-based system resource, all strings within region 1:123-344 will be revealed. You may want to check detail about 0-based v.s. 1-based above.

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter — The subject that the observation is about

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

variant-start (optional)
Query Parameter — Start position (0-based inclusive, 1-based inclusive, that means the nucleic acid or amino acid at this position will be included) of the variant.

_source (optional)
Query Parameter — Identifies where the resource comes from

chromosome-window-coordinate (optional)
Query Parameter — Search parameter by chromosome and window. This will refer to part of a locus or part of a gene where search region will be represented in 1-based system. Since the coordinateSystem can either be 0-based or 1-based, this search query will include the result of both coordinateSystem that contains the equivalent segment of the gene or whole genome sequence. For example, a search for sequence can be represented as chromosome-window-coordinate=1$lt345$gt123, this means it will search for the MolecularSequence resource with a window on chromosome 1 and with position >123 and <345, where in 1-based system resource, all strings within region 1:124-344 will be revealed, while in 0-based system resource, all strings within region 1:123-344 will be revealed. You may want to check detail about 0-based v.s. 1-based above.

_id (optional)
Query Parameter — Logical id of this artifact

referenceseqid-window-coordinate (optional)
Query Parameter — Search parameter by reference sequence and window. This will refer to part of a locus or part of a gene where search region will be represented in 1-based system. Since the
coordinateSystem can either be 0-based or 1-based, this search query will include the result of both coordinateSystem that contains the equivalent segment of the gene or whole genome sequence. For example, a search for sequence can be represented as
referenceSeqId-window-coordinate=NC_000001.11$lt345$gt123, this means it will search for the MolecularSequence resource with a window on NC_000001.11 and with position >123 and <345, where in 1-based system resource, all strings within region NC_000001.11:124-344 will be revealed, while in 0-based system resource, all strings within region NC_000001.11:123-344 will be revealed. You may want to check detail about 0-based v.s. 1-based above.

_query (optional)
Query Parameter — Search on the narrative of the resource

__content (optional)
Query Parameter — Search on the entire content of the resource

referenceSeqId (optional)
Query Parameter — Reference Sequence of the sequence

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

* application/fhir+json
* application/fhir+xml

Responses
200
Success Object

GET /MolecularSequence/_history

type-history: Fetch the resource change history for all resources of type MolecularSequence
(molecularSequenceHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

* application/fhir+json
* application/fhir+xml

Responses
200
Success Object

DELETE /MolecularSequence/{id}

instance-delete: Perform a logical delete on a resource instance (molecularSequenceIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

```
application/fhir+json
application/fhir+xml
```

**Responses**

200
Success **Object**

---

**POST /MolecularSequence/{id}/$expunge** (molecularSequenceIdExpungePost)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

```
application/fhir+json
```

**Request body**

- **body object** (optional)
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

```
application/fhir+json
application/fhir+xml
```

**Responses**

200
Success **Object**

---

**GET /MolecularSequence/{id}**

read-instance: Read MolecularSequence instance (molecularSequenceIdGet)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

```
application/fhir+json
application/fhir+xml
```

**Responses**

200
GET /MolecularSequence/{id}/_history

Instance-history: Fetch the resource change history for all resources of type MolecularSequence (molecularSequenceIdHistoryGet)

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

   application/fhir+json
   application/fhir+xml

Responses
200
Success Object

GET /MolecularSequence/{id}/_history/{version_id}

Vread-instance: Read MolecularSequence instance with specific version (molecularSequenceIdHistoryVersionIdGet)

Path parameters
id (required)
   Path Parameter — The resource ID default: null

version_id (required)
   Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

   application/fhir+json
   application/fhir+xml

Responses
200
Success Object

POST /MolecularSequence/{id}/$meta-add

(molecularSequenceIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
   Path Parameter — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /MolecularSequence/{id}/$meta-delete
(molecularSequenceIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /MolecularSequence/{id}/$meta
(molecularSequenceIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance
Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Query parameters

- **return (optional)**
  
  *Query Parameter* —

Return type

*Object*

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200 Success *Object*

---

**PATCH /MolecularSequence/{id}**

instance-patch: Patch a resource instance of type MolecularSequence by ID *(molecularSequenceIdPatch)*

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- **body** *object (optional)*
  
  *Body Parameter* —

Return type

*Object*

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200 Success *Object*

---

**PUT /MolecularSequence/{id}**

update-instance: Update an existing MolecularSequence instance, or create using a client-assigned ID *(molecularSequenceIdPut)*

https://10.2.2.41/api-doc/
Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

Body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /MolecularSequence/{id}/$validate

(molecularSequenceIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
### GET /MolecularSequence/$meta

#### (molecularSequenceMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

#### Query parameters

- **return** (optional)
  
  *Query Parameter* —

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

#### Responses

- **200**
  - Success *Object*

### POST /MolecularSequence

#### create-type: Create a new MolecularSequence instance (molecularSequencePost)

#### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body

- **body** *object* (optional)
  
  *Body Parameter* —

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

#### Responses

- **200**
  - Success *Object*

### GET /MolecularSequence/$validate

#### (molecularSequenceValidateGet)

#### Query parameters

- **resource** (optional)
  
  *Query Parameter* —

- **mode** (optional)

#### Responses

- **200**
  - Success *Object*
NamingSystem

POST /NamingSystem/$expunge

(namingSystemExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:
  - application/fhir+json

Request body
  - body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

GET /NamingSystem

search-type: Search for NamingSystem instances (namingSystemGet)

This is a search type

Query parameters
  - date (optional)

Multiple Resources:
  - CapabilityStatement: The capability statement publication date
  - CodeSystem: The code system publication date
CompartmentDefinition: The compartment definition publication date
ConceptMap: The concept map publication date
GraphDefinition: The graph definition publication date
ImplementationGuide: The implementation guide publication date
MessageDefinition: The message definition publication date
NamingSystem: The naming system publication date
OperationDefinition: The operation definition publication date
SearchParameter: The search parameter publication date
StructureDefinition: The structure definition publication date
StructureMap: The structure map publication date
TerminologyCapabilities: The terminology capabilities publication date
ValueSet: The value set publication date

class-type-value (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: A use context type and value assigned to the capability statement
- CodeSystem: A use context type and value assigned to the code system
- CompartmentDefinition: A use context type and value assigned to the compartment definition
- ConceptMap: A use context type and value assigned to the concept map
- GraphDefinition: A use context type and value assigned to the graph definition
- ImplementationGuide: A use context type and value assigned to the implementation guide
- MessageDefinition: A use context type and value assigned to the message definition
- NamingSystem: A use context type and value assigned to the naming system
- OperationDefinition: A use context type and value assigned to the operation definition
- SearchParameter: A use context type and value assigned to the search parameter
- StructureDefinition: A use context type and value assigned to the structure definition
- StructureMap: A use context type and value assigned to the structure map
- TerminologyCapabilities: A use context type and value assigned to the terminology capabilities
- ValueSet: A use context type and value assigned to the value set

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: Intended jurisdiction for the capability statement
- CodeSystem: Intended jurisdiction for the code system
- ConceptMap: Intended jurisdiction for the concept map
- GraphDefinition: Intended jurisdiction for the graph definition
- ImplementationGuide: Intended jurisdiction for the implementation guide
- MessageDefinition: Intended jurisdiction for the message definition
- NamingSystem: Intended jurisdiction for the naming system
- OperationDefinition: Intended jurisdiction for the operation definition
- SearchParameter: Intended jurisdiction for the search parameter
- StructureDefinition: Intended jurisdiction for the structure definition
- StructureMap: Intended jurisdiction for the structure map
- TerminologyCapabilities: Intended jurisdiction for the terminology capabilities
- ValueSet: Intended jurisdiction for the value set

description (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: The description of the capability statement
- CodeSystem: The description of the code system
- CompartmentDefinition: The description of the compartment definition
- ConceptMap: The description of the concept map
- GraphDefinition: The description of the graph definition
- ImplementationGuide: The description of the implementation guide
- MessageDefinition: The description of the message definition
- NamingSystem: The description of the naming system
- OperationDefinition: The description of the operation definition

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SearchParameter: The description of the search parameter
StructureDefinition: The description of the structure definition
StructureMap: The description of the structure map
TerminologyCapabilities: The description of the terminology capabilities
ValueSet: The description of the value set

context-type (optional)
Query Parameter –

Multiple Resources:

- CapabilityStatement: A type of use context assigned to the capability statement
- CodeSystem: A type of use context assigned to the code system
- CompartmentDefinition: A type of use context assigned to the compartment definition
- ConceptMap: A type of use context assigned to the concept map
- GraphDefinition: A type of use context assigned to the graph definition
- ImplementationGuide: A type of use context assigned to the implementation guide
- MessageDefinition: A type of use context assigned to the message definition
- NamingSystem: A type of use context assigned to the naming system
- OperationDefinition: A type of use context assigned to the operation definition
- SearchParameter: A type of use context assigned to the search parameter
- StructureDefinition: A type of use context assigned to the structure definition
- StructureMap: A type of use context assigned to the structure map
- TerminologyCapabilities: A type of use context assigned to the terminology capabilities
- ValueSet: A type of use context assigned to the value set

type (optional)
Query Parameter — e.g. driver, provider, patient, bank etc.

context-quantity (optional)
Query Parameter –

Multiple Resources:

- CapabilityStatement: A quantity- or range-valued use context assigned to the capability statement
- CodeSystem: A quantity- or range-valued use context assigned to the code system
- CompartmentDefinition: A quantity- or range-valued use context assigned to the compartment definition
- ConceptMap: A quantity- or range-valued use context assigned to the concept map
- GraphDefinition: A quantity- or range-valued use context assigned to the graph definition
- ImplementationGuide: A quantity- or range-valued use context assigned to the implementation guide
- MessageDefinition: A quantity- or range-valued use context assigned to the message definition
- NamingSystem: A quantity- or range-valued use context assigned to the naming system
- OperationDefinition: A quantity- or range-valued use context assigned to the operation definition
- SearchParameter: A quantity- or range-valued use context assigned to the search parameter
- StructureDefinition: A quantity- or range-valued use context assigned to the structure definition
- StructureMap: A quantity- or range-valued use context assigned to the structure map
- TerminologyCapabilities: A quantity- or range-valued use context assigned to the terminology capabilities
- ValueSet: A quantity- or range-valued use context assigned to the value set

contact (optional)
Query Parameter — Name of an individual to contact

responsible (optional)
Query Parameter — Who maintains system namespace?

context (optional)
Query Parameter —

Multiple Resources:

- CapabilityStatement: A use context assigned to the capability statement
- CodeSystem: A use context assigned to the code system
- CompartmentDefinition: A use context assigned to the compartment definition
- ConceptMap: A use context assigned to the concept map
- GraphDefinition: A use context assigned to the graph definition
- ImplementationGuide: A use context assigned to the implementation guide
MessageDefinition: A use context assigned to the message definition
- NamingSystem: A use context assigned to the naming system
- OperationDefinition: A use context assigned to the operation definition
- SearchParameter: A use context assigned to the search parameter
- StructureDefinition: A use context assigned to the structure definition
- StructureMap: A use context assigned to the structure map
- TerminologyCapabilities: A use context assigned to the terminology capabilities
- ValueSet: A use context assigned to the value set

telecom (optional)
Query Parameter — Contact details for individual or organization
value (optional)
Query Parameter — The unique identifier

context-type-quantity (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: A use context type and quantity- or range-based value assigned to the capability statement
- CodeSystem: A use context type and quantity- or range-based value assigned to the code system
- CompartmentDefinition: A use context type and quantity- or range-based value assigned to the compartment definition
- ConceptMap: A use context type and quantity- or range-based value assigned to the concept map
- GraphDefinition: A use context type and quantity- or range-based value assigned to the graph definition
- ImplementationGuide: A use context type and quantity- or range-based value assigned to the implementation guide
- MessageDefinition: A use context type and quantity- or range-based value assigned to the message definition
- NamingSystem: A use context type and quantity- or range-based value assigned to the naming system
- OperationDefinition: A use context type and quantity- or range-based value assigned to the operation definition
- SearchParameter: A use context type and quantity- or range-based value assigned to the search parameter
- StructureDefinition: A use context type and quantity- or range-based value assigned to the structure definition
- StructureMap: A use context type and quantity- or range-based value assigned to the structure map
- TerminologyCapabilities: A use context type and quantity- or range-based value assigned to the terminology capabilities
- ValueSet: A use context type and quantity- or range-based value assigned to the value set

period (optional)
Query Parameter — When is identifier valid?
kind (optional)
Query Parameter — codesystem | identifier | root

_security (optional)
Query Parameter — Security Labels applied to this resource
id-type (optional)
Query Parameter — oid | uuid | uri | other

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter
_profile (optional)
Query Parameter — Profiles this resource claims to conform to
_tag (optional)
Query Parameter — Tags applied to this resource
_has (optional)
Query Parameter — Return resources linked to by the given target
name (optional)
Query Parameter —
Multiple Resources:

- **CapabilityStatement**: Computationally friendly name of the capability statement
- **CompartmentDefinition**: Computationally friendly name of the compartment definition
- **ConceptMap**: Computationally friendly name of the concept map
- **GraphDefinition**: Computationally friendly name of the graph definition
- **ImplementationGuide**: Computationally friendly name of the implementation guide
- **MessageDefinition**: Computationally friendly name of the message definition
- **NamingSystem**: Computationally friendly name of the naming system
- **OperationDefinition**: Computationally friendly name of the operation definition
- **SearchParameter**: Computationally friendly name of the search parameter
- **StructureDefinition**: Computationally friendly name of the structure definition
- **StructureMap**: Computationally friendly name of the structure map
- **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
- **ValueSet**: Computationally friendly name of the value set

**publisher (optional)**

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: Name of the publisher of the capability statement
- **CodeSystem**: Name of the publisher of the code system
- **CompartmentDefinition**: Name of the publisher of the compartment definition
- **ConceptMap**: Name of the publisher of the concept map
- **GraphDefinition**: Name of the publisher of the graph definition
- **ImplementationGuide**: Name of the publisher of the implementation guide
- **MessageDefinition**: Name of the publisher of the message definition
- **NamingSystem**: Name of the publisher of the naming system
- **OperationDefinition**: Name of the publisher of the operation definition
- **SearchParameter**: Name of the publisher of the search parameter
- **StructureDefinition**: Name of the publisher of the structure definition
- **StructureMap**: Name of the publisher of the structure map
- **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
- **ValueSet**: Name of the publisher of the value set

**_source (optional)**

*Query Parameter* — Identifies where the resource comes from

**_id (optional)**

*Query Parameter* — Logical id of this artifact

**_text (optional)**

*Query Parameter* — Search on the narrative of the resource

**_content (optional)**

*Query Parameter* — Search on the entire content of the resource

**status (optional)**

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
- **SearchParameter**: The current status of the search parameter
- **StructureDefinition**: The current status of the structure definition
- **StructureMap**: The current status of the structure map
- **TerminologyCapabilities**: The current status of the terminology capabilities
- **ValueSet**: The current status of the value set
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /NamingSystem/{id}
read-instance: Read NamingSystem instance (namingSystemIdGet)

Path parameters
id (required)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /NamingSystem/{id}/_history
instance-history: Fetch the resource change history for all resources of type NamingSystem (namingSystemIdHistoryGet)

Path parameters
id (required)

Return type
Object

Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

### GET /NamingSystem/{id}/_history/{version_id}

vread-instance: Read NamingSystem instance with specific version (namingSystemIdHistoryVersionIdGet)

#### Path parameters
- id (required)
  - Path Parameter — The resource ID default: null
- version_id (required)
  - Path Parameter — The resource version ID default: null

#### Return type
Object

#### Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

### POST /NamingSystem/{id}/$meta-add
(namingSystemIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

#### Path parameters
- id (required)
  - Path Parameter — The resource ID default: null

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

#### Request body
- body object (optional)
  - Body Parameter —

#### Return type
Object

#### Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
POST /NamingSystem/{id}/$meta-delete
(namingSystemIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
   Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /NamingSystem/{id}/$meta
(namingSystemIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
   Path Parameter — The resource ID default: null

Query parameters
return (optional)
   Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
PATCH /NamingSystem/{id}

instance-patch: Patch a resource instance of type NamingSystem by ID (namingSystemIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

PUT /NamingSystem/{id}

update-instance: Update an existing NamingSystem instance, or create using a client-assigned ID (namingSystemIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /NamingSystem/{id}/$validate
(namingSystemIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /NamingSystem/$meta
(namingSystemMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST /NamingSystem

create-type: Create a new NamingSystem instance (namingSystemPost)

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /NamingSystem/$validate

(namingSystemValidateGet)

Query parameters
- resource (optional)  
  Query Parameter —
- mode (optional)  
  Query Parameter —
- profile (optional)  
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
### POST /NutritionOrder/$expunge

**(nutritionOrderExpungePost)**

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

### GET /NutritionOrder

**search-type**: Search for NutritionOrder instances (nutritionOrderGet)

This is a search type

**Query parameters**

- **identifier** (optional)

  **Query Parameter**

  Multiple Resources:

  - **AllergyIntolerance**: External ids for this item
  - **CarePlan**: External ids for this plan
  - **CareTeam**: External ids for this team
  - **Composition**: Version-independent identifier for the Composition
  - **Condition**: A unique identifier of the condition record
  - **Consent**: Identifier for this record (external references)
  - **DetectedIssue**: Unique id for the detected issue
  - **DeviceRequest**: Business identifier for request/order
  - **DiagnosticReport**: An identifier for the report
  - **DocumentManifest**: Unique Identifier for the set of documents
  - **DocumentReference**: Master Version Specific Identifier
  - **Encounter**: Identifier(s) by which this encounter is known
  - **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
  - **FamilyMemberHistory**: A search by a record identifier
  - **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
  - **Immunization**: Business identifier
  - **List**: Business Identifier
  - **MedicationAdministration**: Return administrations with this external identifier
  - **MedicationDispense**: Returns dispenses with this external identifier
  - **MedicationRequest**: Return prescriptions with this external identifier
  - **MedicationStatement**: Return statements with this external identifier
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**NutritionOrder**: Return nutrition orders with this external identifier

**Procedure**: A unique identifier for a procedure

**RiskAssessment**: Unique identifier for the assessment

**ServiceRequest**: Identifiers assigned to this order

**SupplyDelivery**: External identifier

**SupplyRequest**: Business Identifier for SupplyRequest

**VisionPrescription**: Return prescriptions with this external identifier

**_lastUpdated (optional)**

*Query Parameter* — When the resource version last changed

**_security (optional)**

*Query Parameter* — Security Labels applied to this resource

**instantiates-canonical (optional)**

*Query Parameter* — Instantiates FHIR protocol or definition

**encounter (optional)**

*Query Parameter* —

**Multiple Resources:**

- **Composition**: Context of the Composition
- **DeviceRequest**: Encounter during which request was created
- **DiagnosticReport**: The Encounter when the order was made
- **DocumentReference**: Context of the document content
- **Flag**: Alert relevant during encounter
- **List**: Context in which list created
- **NutritionOrder**: Return nutrition orders with this encounter identifier
- **Procedure**: Encounter created as part of
- **RiskAssessment**: Where was assessment performed?
- **ServiceRequest**: An encounter in which this request is made
- **VisionPrescription**: Return prescriptions with this encounter identifier

**oraldiet (optional)**

*Query Parameter* — Type of diet that can be consumed orally (i.e., take via the mouth).

**additive (optional)**

*Query Parameter* — Type of module component to add to the feeding

**_filter (optional)**

*Query Parameter* — Search the contents of the resource's data using a filter

**datetime (optional)**

*Query Parameter* — Return nutrition orders requested on this date

**_profile (optional)**

*Query Parameter* — Profiles this resource claims to conform to

**provider (optional)**

*Query Parameter* — The identity of the provider who placed the nutrition order

**patient (optional)**

*Query Parameter* —

**Multiple Resources:**

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
**Encounter**: The patient or group present at the encounter

**EpisodeOfCare**: The patient who is the focus of this episode of care

**FamilyMemberHistory**: The identity of a subject to list family member history items for

**Flag**: The identity of a subject to list flags for

**ImagingStudy**: Who the study is about

**Immunization**: The patient for the vaccination record

**List**: If all resources have the same subject

**MedicationAdministration**: The identity of a patient to list administrations for

**MedicationDispense**: The identity of a patient to list dispenses for

**MedicationRequest**: Returns prescriptions for a specific patient

**MedicationStatement**: Returns statements for a specific patient.

**Observation**: The subject that the observation is about (if patient)

**Procedure**: Search by subject - a patient

**RiskAssessment**: Who/what does assessment apply to?

**ServiceRequest**: Search by subject - a patient

**SupplyDelivery**: Patient for whom the item is supplied

**VisionPrescription**: The identity of a patient to list dispenses for

**supplement (optional)**

*Query Parameter* — Type of supplement product requested

**_tag (optional)**

*Query Parameter* — Tags applied to this resource

**_has (optional)**

*Query Parameter* — Return resources linked to by the given target

**formula (optional)**

*Query Parameter* — Type of enteral or infant formula

**_source (optional)**

*Query Parameter* — Identifies where the resource comes from

**instantiates-uri (optional)**

*Query Parameter* — Instantiates external protocol or definition

**_id (optional)**

*Query Parameter* — Logical id of this artifact

**_text (optional)**

*Query Parameter* — Search on the narrative of the resource

**_content (optional)**

*Query Parameter* — Search on the entire content of the resource

**status (optional)**

*Query Parameter* — Status of the nutrition order.

**Return type**

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success **Object**

---

**GET /NutritionOrder/_history**

*type-history: Fetch the resource change history for all resources of type NutritionOrder (nutritionOrderHistoryGet)*

**Return type**

**Object**
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /NutritionOrder/{id}
instance-delete: Perform a logical delete on a resource instance (nutritionOrderIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /NutritionOrder/{id}/$expunge
(nutritionOrderIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
### GET /NutritionOrder/{id}

**read-instance:** Read NutritionOrder instance (**nutritionOrderIdGet**)  

**Path parameters**  

- **id** (required)  

  *Path Parameter* — The resource ID default: null

**Return type**  

Object

**Produces**  

This API call produces the following media types according to the **Accept** request header; the media type will be conveyed by the **Content-Type** response header.

- application/fhir+json
- application/fhir+xml

**Responses**  

- **200 Success** (Object)

### GET /NutritionOrder/{id}/_history

**instance-history:** Fetch the resource change history for all resources of type NutritionOrder (**nutritionOrderIdHistoryGet**)  

**Path parameters**  

- **id** (required)  

  *Path Parameter* — The resource ID default: null

**Return type**  

Object

**Produces**  

This API call produces the following media types according to the **Accept** request header; the media type will be conveyed by the **Content-Type** response header.

- application/fhir+json
- application/fhir+xml

**Responses**  

- **200 Success** (Object)

### GET /NutritionOrder/{id}/_history/{version_id}

**vread-instance:** Read NutritionOrder instance with specific version (**nutritionOrderIdHistoryVersionIdGet**)  

**Path parameters**  

- **id** (required)  

  *Path Parameter* — The resource ID default: null

- **version_id** (required)  

  *Path Parameter* — The resource version ID default: null
POST /NutritionOrder/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /NutritionOrder/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Responses
200
Success Object
Request body
  body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /NutritionOrder/{id}/$meta
(nutritionOrderIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
  id (required)
  Path Parameter — The resource ID default: null

Query parameters
  return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /NutritionOrder/{id}
(instance-patch: Patch a resource instance of type NutritionOrder by ID (nutritionOrderIdPatch))

Path parameters
  id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
PUT /NutritionOrder/{id}

update-instance: Update an existing NutritionOrder instance, or create using a client-assigned ID (nutritionOrderIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /NutritionOrder/{id}/$validate
(nutritionOrderIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters
GET /NutritionOrder/$meta
(nutritionOrderMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /NutritionOrder
(create-type: Create a new NutritionOrder instance (nutritionOrderPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

Return type
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**Observation**

**POST /Observation/$expunge**

(definition: observationExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body object (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /Observation

search-type: Search for Observation instances (observationGet)
This is a search type

Query parameters

date (optional)
Query Parameter —

Multiple Resources:
- **AllergyIntolerance**: Date first version of the resource instance was recorded
- **CarePlan**: Time period plan covers
- **CareTeam**: Time period team covers
- **ClinicalImpression**: When the assessment was documented
- **Composition**: Composition editing time
- **Consent**: When this Consent was created or indexed
- **DiagnosticReport**: The clinically relevant time of the report
- **Encounter**: A date within the period the Encounter lasted
- **EpisodeOfCare**: The provided date search value falls within the episode of care's period
- **FamilyMemberHistory**: When history was recorded or last updated
- **Flag**: Time period when flag is active
- **Immunization**: Vaccination (non)-Administration Date
- **List**: When the list was prepared
- **Observation**: Obtained date/time. If the obtained element is a period, a date that falls in the period
- **Procedure**: When the procedure was performed
- **RiskAssessment**: When was assessment made?
- **SupplyRequest**: When the request was made

combo-data-absent-reason (optional)
Query Parameter — The reason why the expected value in the element Observation.value[x] or Observation.component.value[x] is missing.

code (optional)
Query Parameter —

Multiple Resources:
- **AllergyIntolerance**: Code that identifies the allergy or intolerance
- **Condition**: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- **Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

component-data-absent-reason (optional)
Query Parameter — The reason why the expected value in the element Observation.component.value[x] is missing.
subject (optional)
Query Parameter — The subject that the observation is about

combo-code-value-quantity (optional)
Query Parameter — Code and quantity value parameter pair, including in components

_lastUpdated (optional)
Query Parameter — When the resource version last changed

value-concept (optional)
Query Parameter — The value of the observation, if the value is a CodeableConcept

value-date (optional)
Query Parameter — The value of the observation, if the value is a date or period of time

derived-from (optional)
Query Parameter — Related measurements the observation is made from

focus (optional)
Query Parameter — The focus of an observation when the focus is not the patient of record.

part-of (optional)
Query Parameter — Part of referenced event

has-member (optional)
Query Parameter — Related resource that belongs to the Observation group

code-value-string (optional)
Query Parameter — Code and string value parameter pair

component-code-value-quantity (optional)
Query Parameter — Component code and component quantity value parameter pair

based-on (optional)
Query Parameter — Reference to the service request.

code-value-date (optional)
Query Parameter — Code and date/time value parameter pair

patient (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
RiskAssessment: Who/what does assessment apply to?
  ServiceRequest: Search by subject - a patient
  SupplyDelivery: Patient for whom the item is supplied
  VisionPrescription: The identity of a patient to list dispenses for

specimen (optional)
Query Parameter — Specimen used for this observation

component-code (optional)
Query Parameter — The component code of the observation type

code-value-quantity (optional)
Query Parameter — Code and quantity value parameter pair

combo-code-value-concept (optional)
Query Parameter — Code and coded value parameter pair, including in components

value-string (optional)
Query Parameter — The value of the observation, if the value is a string, and also searches in CodeableConcept.text

identifier (optional)
Query Parameter —

Multiple Resources:
- AllergyIntolerance: External ids for this item
  - CarePlan: External ids for this plan
  - CareTeam: External ids for this team
- Composition: Version-independent identifier for the Composition
- Condition: A unique identifier of the condition record
  - Consent: Identifier for this record (external references)
  - DetectedIssue: Unique id for the detected issue
  - DeviceRequest: Business identifier for request/order
  - DiagnosticReport: An identifier for the report
  - DocumentManifest: Unique Identifier for the set of documents
  - DocumentReference: Master Version Specific Identifier
  - Encounter: Identifier(s) by which this encounter is known
  - EpisodeOfCare: Business Identifier(s) relevant for this EpisodeOfCare
  - FamilyMemberHistory: A search by a record identifier
  - Goal: External Ids for this goal
  - ImagingStudy: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
  - Immunization: Business identifier
  - List: Business identifier
    - MedicationAdministration: Return administrations with this external identifier
    - MedicationDispense: Returns dispenses with this external identifier
    - MedicationRequest: Return prescriptions with this external identifier
    - NutritionOrder: Return nutrition orders with this external identifier
    - Observation: The unique id for a particular observation
    - Procedure: A unique identifier for a procedure
  - RiskAssessment: Unique identifier for the assessment
  - ServiceRequest: Identifiers assigned to this order
    - SupplyDelivery: External identifier
      - SupplyRequest: Business Identifier for SupplyRequest
  - VisionPrescription: Return prescriptions with this external identifier

performer (optional)
Query Parameter — Who performed the observation

combo-code (optional)
Query Parameter — The code of the observation type or component type

method (optional)
Query Parameter — The method used for the observation

value-quantity (optional)
Query Parameter — The value of the observation, if the value is a Quantity, or a SampledData (just search on the bounds of the values in sampled data)

component-value-quantity (optional)
_query parameter_ — The value of the component observation, if the value is a quantity, or a SampledData (just search on the bounds of the values in sampled data)

**_security (optional)_**
Query Parameter — Security Labels applied to this resource

**_data-absent-reason (optional)_**
Query Parameter — The reason why the expected value in the element Observation.value[x] is missing.

**_combo-value-quantity (optional)_**
Query Parameter — The value or component value of the observation, if the value is a Quantity, or a SampledData (just search on the bounds of the values in sampled data)

**_encounter (optional)_**
Query Parameter —

Multiple Resources:
- **Composition**: Context of the Composition
- **DeviceRequest**: Encounter during which request was created
- **DiagnosticReport**: The Encounter when the order was made
- **DocumentReference**: Context of the document content
- **Flag**: Alert relevant during encounter
- **List**: Context in which list created
- **NutritionOrder**: Return nutrition orders with this encounter identifier
- **Observation**: Encounter related to the observation
- **Procedure**: Encounter created as part of
- **RiskAssessment**: Where was assessment performed?
- **ServiceRequest**: An encounter in which this request is made
- **VisionPrescription**: Return prescriptions with this encounter identifier

**_filter (optional)_**
Query Parameter — Search the contents of the resource's data using a filter

**_code-value-concept (optional)_**
Query Parameter — Code and coded value parameter pair

**_profile (optional)_**
Query Parameter — Profiles this resource claims to conform to

**_tag (optional)_**
Query Parameter — Tags applied to this resource

**_has (optional)_**
Query Parameter — Return resources linked to by the given target

**_source (optional)_**
Query Parameter — Identifies where the resource comes from

**_component-code-value-concept (optional)_**
Query Parameter — Component code and component coded value parameter pair

**_id (optional)_**
Query Parameter — Logical id of this artifact

**_component-value-concept (optional)_**
Query Parameter — The value of the component observation, if the value is a CodeableConcept

**_text (optional)_**
Query Parameter — Search on the narrative of the resource

**_content (optional)_**
Query Parameter — Search on the entire content of the resource

**category (optional)**
Query Parameter — The classification of the type of observation

**device (optional)**
Query Parameter — The Device that generated the observation data.

**_combo-value-concept (optional)_**
Query Parameter — The value or component value of the observation, if the value is a CodeableConcept

**status (optional)**
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Observation/_history
(?type-history: Fetch the resource change history for all resources of type Observation (observationHistoryGet))

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Observation/{id}
(?instance-delete: Perform a logical delete on a resource instance (observationIdDelete))

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Observation/{id}/$expunge
(observationIdExpungePost)

Path parameters

(https://10.2.2.41/api-doc/ 932/2148)
GET /Observation/{id}  

Path parameters

id (required)  
Path Parameter — The resource ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  
Success Object

GET /Observation/{id}/_history

Path parameters

id (required)  
Path Parameter — The resource ID default: null

Return type
Object
GET /Observation/{id}/_history/{version_id}

vread-instance: Read Observation instance with specific version (observationIdHistoryVersionIdGet)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

- version_id (required)
  - Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Observation/{id}/$meta-add

(observationIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  - Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST /Observation/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /Observation/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
PATCH /Observation/{id}

instance-patch: Patch a resource instance of type Observation by ID (observationIdPatch)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

PUT /Observation/{id}

update-instance: Update an existing Observation instance, or create using a client-assigned ID (observationIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
**PRODUCES**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**RESPONSES**

200
Success **Object**

---

**GET /Observation/{id}/$validate**

(observationIdValidateGet)

**Path parameters**

- **id (required)**
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **resource (optional)**
  *Query Parameter* —

- **mode (optional)**
  *Query Parameter* —

- **profile (optional)**
  *Query Parameter* —

**RETURN TYPE**

**Object**

**PRODUCES**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**RESPONSES**

200
Success **Object**

---

**GET /Observation/$lastn**

(observationLastnGet)

**Query parameters**

- **_count (optional)**
  *Query Parameter* — Results from this method are returned across multiple pages. This parameter controls the size of those pages.

- **category (optional)**
  *Query Parameter* — The classification of the type of observation

- **code (optional)**
  *Query Parameter* — The code of the observation type

- **date (optional)**
  *Query Parameter* — The effective date of the observation

- **patient (optional)**
  *Query Parameter* —
Query Parameter — The subject that the observation is about (if patient)

subject (optional)
Query Parameter — The subject that the observation is about

max (optional)
Query Parameter — The maximum number of observations to return for each observation code

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Observation/$meta
(observationMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Observation
(create-type: Create a new Observation instance (observationPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object
Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Response
200
Success [Object]
GET /ObservationDefinition

search-type: Search for ObservationDefinition instances (observationDefinitionGet)

This is a search type

Query parameters

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_security (optional)
Query Parameter — Security Labels applied to this resource

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

application/fhir+json
application/fhir+xml

Responses
200 Success Object

GET /ObservationDefinition/_history

type-history: Fetch the resource change history for all resources of type ObservationDefinition (observationDefinitionHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
DELETE /ObservationDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (observationDefinitionIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ObservationDefinition/{id}/$expunge

(observationDefinitionIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body <object> (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /ObservationDefinition/{id}  
read-instance: Read ObservationDefinition instance (observationDefinitionIdGet)  

Path parameters  
  id (required)  
  Path Parameter — The resource ID default: null  

Return type  
Object  

Produces  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.  

- application/fhir+json  
- application/fhir+xml  

Responses  
200 Success Object  

GET /ObservationDefinition/{id}/_history  
instance-history: Fetch the resource change history for all resources of type ObservationDefinition (observationDefinitionIdHistoryGet)  

Path parameters  
  id (required)  
  Path Parameter — The resource ID default: null  

Return type  
Object  

Produces  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.  

- application/fhir+json  
- application/fhir+xml  

Responses  
200 Success Object  

GET /ObservationDefinition/{id}/_history/{version_id}  
vread-instance: Read ObservationDefinition instance with specific version (observationDefinitionIdHistoryVersionIdGet)  

Path parameters  
  id (required)  
  Path Parameter — The resource ID default: null  
  version_id (required)  
  Path Parameter — The resource version ID default: null  

Return type  
Object  

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

**POST /ObservationDefinition/{id}/$meta-add**
(observationDefinitionIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
   Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body **object** (optional)
   Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

**POST /ObservationDefinition/{id}/$meta-delete**
(observationDefinitionIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
   Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body **object** (optional)
Body Parameter

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

```
GET /ObservationDefinition/\{id\}/\$meta
```

(observationDefinitionIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

```
PATCH /ObservationDefinition/\{id\}
```

(instance-patch: Patch a resource instance of type ObservationDefinition by ID (observationDefinitionIdPatch))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
**PUT /ObservationDefinition/{id}**

update-instance: Update an existing ObservationDefinition instance, or create using a client-assigned ID (observationDefinitionIdPut)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body object (optional)
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

**GET /ObservationDefinition/{id}/$validate**

(observationDefinitionIdValidateGet)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- resource (optional)
GET /ObservationDefinition/$meta
(definitionMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /ObservationDefinition
create-type: Create a new ObservationDefinition instance (definitionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ObservationDefinition/$validate
(observationDefinitionValidateGet)

Query parameters

- resource (optional)
  Query Parameter —

- mode (optional)
  Query Parameter —

- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

OperationDefinition

POST /OperationDefinition/$expunge
(operationDefinitionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /OperationDefinition

search-type: Search for OperationDefinition instances ([operationDefinitionGet])

This is a search type

**Query parameters**

**date (optional)**
*Query Parameter —*

Multiple Resources:

- **CapabilityStatement**: The capability statement publication date
- **CodeSystem**: The code system publication date
- **CompartmentDefinition**: The compartment definition publication date
- **ConceptMap**: The concept map publication date
- **GraphDefinition**: The graph definition publication date
- **ImplementationGuide**: The implementation guide publication date
- **MessageDefinition**: The message definition publication date
- **NamingSystem**: The naming system publication date
- **OperationDefinition**: The operation definition publication date
- **SearchParameter**: The search parameter publication date
- **StructureDefinition**: The structure definition publication date
- **StructureMap**: The structure map publication date
- **TerminologyCapabilities**: The terminology capabilities publication date
- **ValueSet**: The value set publication date

**code (optional)**
*Query Parameter — Name used to invoke the operation*

**instance (optional)**
*Query Parameter — Invoke on an instance?*

**context-type-value (optional)**
*Query Parameter —*

Multiple Resources:

- **CapabilityStatement**: A use context type and value assigned to the capability statement
- **CodeSystem**: A use context type and value assigned to the code system
- **CompartmentDefinition**: A use context type and value assigned to the compartment definition
- **ConceptMap**: A use context type and value assigned to the concept map
- **GraphDefinition**: A use context type and value assigned to the graph definition
- **ImplementationGuide**: A use context type and value assigned to the implementation guide
- **MessageDefinition**: A use context type and value assigned to the message definition
- **NamingSystem**: A use context type and value assigned to the naming system
- **OperationDefinition**: A use context type and value assigned to the operation definition
- **SearchParameter**: A use context type and value assigned to the search parameter
- **StructureDefinition**: A use context type and value assigned to the structure definition
- **StructureMap**: A use context type and value assigned to the structure map
- **TerminologyCapabilities**: A use context type and value assigned to the terminology capabilities
- **ValueSet**: A use context type and value assigned to the value set

**lastUpdated (optional)**
*Query Parameter — When the resource version last changed*

**jurisdiction (optional)**
*Query Parameter —*

Multiple Resources:
**CapabilityStatement**: Intended jurisdiction for the capability statement

**CodeSystem**: Intended jurisdiction for the code system

**ConceptMap**: Intended jurisdiction for the concept map

**GraphDefinition**: Intended jurisdiction for the graph definition

**ImplementationGuide**: Intended jurisdiction for the implementation guide

**MessageDefinition**: Intended jurisdiction for the message definition

**NamingSystem**: Intended jurisdiction for the naming system

**OperationDefinition**: Intended jurisdiction for the operation definition

**SearchParameter**: Intended jurisdiction for the search parameter

**StructureDefinition**: Intended jurisdiction for the structure definition

**StructureMap**: Intended jurisdiction for the structure map

**TerminologyCapabilities**: Intended jurisdiction for the terminology capabilities

**ValueSet**: Intended jurisdiction for the value set

**description (optional)**

*Query Parameter – –*

Multiple Resources:

- **CapabilityStatement**: The description of the capability statement
- **CodeSystem**: The description of the code system
- **CompartmentDefinition**: The description of the compartment definition
- **ConceptMap**: The description of the concept map
- **GraphDefinition**: The description of the graph definition
- **ImplementationGuide**: The description of the implementation guide
- **MessageDefinition**: The description of the message definition
- **NamingSystem**: The description of the naming system
- **OperationDefinition**: The description of the operation definition
- **SearchParameter**: The description of the search parameter
- **StructureDefinition**: The description of the structure definition
- **StructureMap**: The description of the structure map
- **TerminologyCapabilities**: The description of the terminology capabilities
- **ValueSet**: The description of the value set

**context-type (optional)**

*Query Parameter – –*

Multiple Resources:

- **CapabilityStatement**: A type of use context assigned to the capability statement
- **CodeSystem**: A type of use context assigned to the code system
- **CompartmentDefinition**: A type of use context assigned to the compartment definition
- **ConceptMap**: A type of use context assigned to the concept map
- **GraphDefinition**: A type of use context assigned to the graph definition
- **ImplementationGuide**: A type of use context assigned to the implementation guide
- **MessageDefinition**: A type of use context assigned to the message definition
- **NamingSystem**: A type of use context assigned to the naming system
- **OperationDefinition**: A type of use context assigned to the operation definition
- **SearchParameter**: A type of use context assigned to the search parameter
- **StructureDefinition**: A type of use context assigned to the structure definition
- **StructureMap**: A type of use context assigned to the structure map
- **TerminologyCapabilities**: A type of use context assigned to the terminology capabilities
- **ValueSet**: A type of use context assigned to the value set

**title (optional)**

*Query Parameter – –*

Multiple Resources:

- **CapabilityStatement**: The human-friendly name of the capability statement
- **CodeSystem**: The human-friendly name of the code system
- **ConceptMap**: The human-friendly name of the concept map
- **ImplementationGuide**: The human-friendly name of the implementation guide
- **MessageDefinition**: The human-friendly name of the message definition
- **OperationDefinition**: The human-friendly name of the operation definition
- **StructureDefinition**: The human-friendly name of the structure definition
- **StructureMap**: The human-friendly name of the structure map
- **TerminologyCapabilities**: The human-friendly name of the terminology capabilities
- **ValueSet**: The human-friendly name of the value set
type (optional)
Query Parameter — Invoke at the type level?

context-quantity (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: A quantity- or range-valued use context assigned to the capability statement
- CodeSystem: A quantity- or range-valued use context assigned to the code system
- CompartmentDefinition: A quantity- or range-valued use context assigned to the compartment definition
- ConceptMap: A quantity- or range-valued use context assigned to the concept map
- GraphDefinition: A quantity- or range-valued use context assigned to the graph definition
- ImplementationGuide: A quantity- or range-valued use context assigned to the implementation guide
- MessageDefinition: A quantity- or range-valued use context assigned to the message definition
- NamingSystem: A quantity- or range-valued use context assigned to the naming system
- OperationDefinition: A quantity- or range-valued use context assigned to the operation definition
- SearchParameter: A quantity- or range-valued use context assigned to the search parameter
- StructureDefinition: A quantity- or range-valued use context assigned to the structure definition
- StructureMap: A quantity- or range-valued use context assigned to the structure map
- TerminologyCapabilities: A quantity- or range-valued use context assigned to the terminology capabilities
- ValueSet: A quantity- or range-valued use context assigned to the value set

output-profile (optional)
Query Parameter — Validation information for out parameters

context (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: A use context assigned to the capability statement
- CodeSystem: A use context assigned to the code system
- CompartmentDefinition: A use context assigned to the compartment definition
- ConceptMap: A use context assigned to the concept map
- GraphDefinition: A use context assigned to the graph definition
- ImplementationGuide: A use context assigned to the implementation guide
- MessageDefinition: A use context assigned to the message definition
- NamingSystem: A use context assigned to the naming system
- OperationDefinition: A use context assigned to the operation definition
- SearchParameter: A use context assigned to the search parameter
- StructureDefinition: A use context assigned to the structure definition
- StructureMap: A use context assigned to the structure map
- TerminologyCapabilities: A use context assigned to the terminology capabilities
- ValueSet: A use context assigned to the value set

color-type-quantity (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: A use context type and quantity- or range-based value assigned to the capability statement
- CodeSystem: A use context type and quantity- or range-based value assigned to the code system
- CompartmentDefinition: A use context type and quantity- or range-based value assigned to the compartment definition
- ConceptMap: A use context type and quantity- or range-based value assigned to the concept map
- GraphDefinition: A use context type and quantity- or range-based value assigned to the graph definition
- ImplementationGuide: A use context type and quantity- or range-based value assigned to the implementation guide
- MessageDefinition: A use context type and quantity- or range-based value assigned to the message definition
**namingSystem**: A use context type and quantity- or range-based value assigned to the naming system

- **OperationDefinition**: A use context type and quantity- or range-based value assigned to the operation definition
- **SearchParameter**: A use context type and quantity- or range-based value assigned to the search parameter
- **StructureDefinition**: A use context type and quantity- or range-based value assigned to the structure definition
- **StructureMap**: A use context type and quantity- or range-based value assigned to the structure map
- **TerminologyCapabilities**: A use context type and quantity- or range-based value assigned to the terminology capabilities
- **ValueSet**: A use context type and quantity- or range-based value assigned to the value set

**kind** (optional)

*Query Parameter* — operation | query

**_security** (optional)

*Query Parameter* — Security Labels applied to this resource

**version** (optional)

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: The business version of the capability statement
- **CodeSystem**: The business version of the code system
- **CompartmentDefinition**: The business version of the compartment definition
- **ConceptMap**: The business version of the concept map
- **GraphDefinition**: The business version of the graph definition
- **ImplementationGuide**: The business version of the implementation guide
- **MessageDefinition**: The business version of the message definition
- **OperationDefinition**: The business version of the operation definition
- **SearchParameter**: The business version of the search parameter
- **StructureDefinition**: The business version of the structure definition
- **StructureMap**: The business version of the structure map
- **TerminologyCapabilities**: The business version of the terminology capabilities
- **ValueSet**: The business version of the value set

**url** (optional)

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: The uri that identifies the capability statement
- **CodeSystem**: The uri that identifies the code system
- **CompartmentDefinition**: The uri that identifies the compartment definition
- **ConceptMap**: The uri that identifies the concept map
- **GraphDefinition**: The uri that identifies the graph definition
- **ImplementationGuide**: The uri that identifies the implementation guide
- **MessageDefinition**: The uri that identifies the message definition
- **OperationDefinition**: The uri that identifies the operation definition
- **SearchParameter**: The uri that identifies the search parameter
- **StructureDefinition**: The uri that identifies the structure definition
- **StructureMap**: The uri that identifies the structure map
- **TerminologyCapabilities**: The uri that identifies the terminology capabilities
- **ValueSet**: The uri that identifies the value set

**_filter** (optional)

*Query Parameter* — Search the contents of the resource’s data using a filter

**input-profile** (optional)

*Query Parameter* — Validation information for in parameters

**system** (optional)

*Query Parameter* — Invoke at the system level?

**_profile** (optional)

*Query Parameter* — Profiles this resource claims to conform to

**_tag** (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target
name (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Computationally friendly name of the capability statement
- **CodeSystem**: Computationally friendly name of the code system
- **CompartmentDefinition**: Computationally friendly name of the compartment definition
- **ConceptMap**: Computationally friendly name of the concept map
- **GraphDefinition**: Computationally friendly name of the graph definition
- **ImplementationGuide**: Computationally friendly name of the implementation guide
- **MessageDefinition**: Computationally friendly name of the message definition
- **NamingSystem**: Computationally friendly name of the naming system
- **OperationDefinition**: Computationally friendly name of the operation definition
- **SearchParameter**: Computationally friendly name of the search parameter
- **StructureDefinition**: Computationally friendly name of the structure definition
- **StructureMap**: Computationally friendly name of the structure map
- **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
- **ValueSet**: Computationally friendly name of the value set

publisher (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Name of the publisher of the capability statement
- **CodeSystem**: Name of the publisher of the code system
- **CompartmentDefinition**: Name of the publisher of the compartment definition
- **ConceptMap**: Name of the publisher of the concept map
- **GraphDefinition**: Name of the publisher of the graph definition
- **ImplementationGuide**: Name of the publisher of the implementation guide
- **MessageDefinition**: Name of the publisher of the message definition
- **NamingSystem**: Name of the publisher of the naming system
- **OperationDefinition**: Name of the publisher of the operation definition
- **SearchParameter**: Name of the publisher of the search parameter
- **StructureDefinition**: Name of the publisher of the structure definition
- **StructureMap**: Name of the publisher of the structure map
- **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
- **ValueSet**: Name of the publisher of the value set

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_status (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
SearchParameter: The current status of the search parameter
- StructureDefinition: The current status of the structure definition
- StructureMap: The current status of the structure map
- TerminologyCapabilities: The current status of the terminology capabilities
- ValueSet: The current status of the value set

base (optional)
Query Parameter — Marks this as a profile of the base

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /OperationDefinition/_history

type-history: Fetch the resource change history for all resources of type OperationDefinition (operationDefinitionHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /OperationDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (operationDefinitionIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /OperationDefinition/{id}/$expunge

(operationDefinitionIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /OperationDefinition/{id}

(read-instance: Read OperationDefinition instance (operationDefinitionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /OperationDefinition/{id}/_history

(instance-history: Fetch the resource change history for all resources of type OperationDefinition (operationDefinitionIdHistoryGet)

Path parameters
GET /OperationDefinition/{id}/_history/{version_id}

vread-instance: Read OperationDefinition instance with specific version (operationDefinitionIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /OperationDefinition/{id}/$meta-add

(operationDefinitionIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —
POST /OperationDefinition/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
  application/fhir+xml

Responses
200
Success Object

GET /OperationDefinition/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /OperationDefinition/{id}
instance-patch: Patch a resource instance of type OperationDefinition by ID (operationDefinitionIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /OperationDefinition/{id}
update-instance: Update an existing OperationDefinition instance, or create using a client-assigned ID (operationDefinitionIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
### GET /OperationDefinition/{id}/$validate

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **resource** (optional)
  
  *Query Parameter* —

- **mode** (optional)
  
  *Query Parameter* —

- **profile** (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success [Object](#)

---

### GET /OperationDefinition/$meta

**Request a list of tags, profiles, and security labels for a specific resource instance**

**Query parameters**

- **return** (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success [Object](#)
POST /OperationDefinition

create-type: Create a new OperationDefinition instance (operationDefinitionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /OperationDefinition/$validate

(operationDefinitionValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
Responses

200
Success Object

OperationOutcome

POST /OperationOutcome/$expunge (operationOutcomeExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /OperationOutcome

search-type: Search for OperationOutcome instances (operationOutcomeGet)

This is a search type

Query parameters

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_security (optional)
Query Parameter — Security Labels applied to this resource

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
**query parameter** — Search on the narrative of the resource

**_content (optional)**

Query Parameter — Search on the entire content of the resource

**_filter (optional)**

Query Parameter — Search the contents of the resource's data using a filter

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  
Success **Object**

---

**GET /OperationOutcome/_history**

Type-history: Fetch the resource change history for all resources of type OperationOutcome (operationOutcomeHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  
Success **Object**

---

**DELETE /OperationOutcome/{id}**

Instance-delete: Perform a logical delete on a resource instance (operationOutcomeIdDelete)

**Path parameters**

id (required)

Path Parameter — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  
Success **Object**
POST /OperationOutcome/{id}/$expunge

(operationOutcomeIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /OperationOutcome/{id}

read-instance: Read OperationOutcome instance (operationOutcomeIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /OperationOutcome/{id}/_history

instance-history: Fetch the resource change history for all resources of type OperationOutcome (operationOutcomeIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

<table>
<thead>
<tr>
<th>Media Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>application/fhir+json</td>
</tr>
<tr>
<td>application/fhir+xml</td>
</tr>
</tbody>
</table>

Responses
200
Success Object

GET /
OperationOutcome/{id}/_history/{version_id}

vread-instance: Read OperationOutcome instance with specific version (operationOutcomeIdHistoryVersionIdGet)

Path parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>Default</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>Path Parameter — The resource ID default: null</td>
<td></td>
<td>true</td>
</tr>
<tr>
<td>version_id</td>
<td>Path Parameter — The resource version ID default: null</td>
<td></td>
<td>true</td>
</tr>
</tbody>
</table>

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

<table>
<thead>
<tr>
<th>Media Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>application/fhir+json</td>
</tr>
<tr>
<td>application/fhir+xml</td>
</tr>
</tbody>
</table>

Responses
200
Success Object

POST /operationOutcome/{id}/$meta-add

(operationOutcomeIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>Default</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>Path Parameter — The resource ID default: null</td>
<td></td>
<td>true</td>
</tr>
</tbody>
</table>

Consumes
This API call consumes the following media types via the Content-Type request header:

<table>
<thead>
<tr>
<th>Media Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>application/fhir+json</td>
</tr>
</tbody>
</table>

Request body

body object (optional)
Body Parameter —
**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

---

**POST /OperationOutcome/{id}/$meta-delete**
(operationOutcomeIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

**Path parameters**
- id (required)
  Path Parameter — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**
- body object (optional)
  Body Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

---

**GET /OperationOutcome/{id}/$meta**
(operationOutcomeIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**
- id (required)
  Path Parameter — The resource ID default: null

**Query parameters**
- return (optional)
  Query Parameter —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /OperationOutcome/{id}

instance-patch: Patch a resource instance of type OperationOutcome by ID (operationOutcomeIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /OperationOutcome/{id}

update-instance: Update an existing OperationOutcome instance, or create using a client-assigned ID (operationOutcomeIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /OperationOutcome/{id}/$validate

(operationOutcomeldValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /OperationOutcome/$meta

(operationOutcomeMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter —
**POST /OperationOutcome**

create-type: Create a new OperationOutcome instance (operationOutcomePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body object (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200
  - Success Object

---

**GET /OperationOutcome/$validate**

(operationOutcomeValidateGet)

**Query parameters**

- resource (optional)
  - Query Parameter
- mode (optional)
  - Query Parameter
- profile (optional)
  - Query Parameter

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200
  - Success Object
Organization

POST /Organization/$expunge

(organizationExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Organization

search-type: Search for Organization instances (organizationGet)
This is a search type

Query parameters

- identifier (optional)
Query Parameter — Any identifier for the organization (not the accreditation issuer's identifier)

- partof (optional)
Query Parameter — An organization of which this organization forms a part

- address (optional)
Query Parameter — A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text

- address-state (optional)
Query Parameter — A state specified in an address

- _lastUpdated (optional)
Query Parameter — When the resource version last changed

- _security (optional)
Query Parameter — Security Labels applied to this resource

- active (optional)
Query Parameter — Is the Organization record active
type (optional)
Query Parameter — A code for the type of organization

address-postalcode (optional)
Query Parameter — A postal code specified in an address

address-country (optional)
Query Parameter — A country specified in an address

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

depth (optional)
Query Parameter — Technical endpoints providing access to services operated for the organization

phonetic (optional)
Query Parameter — A portion of the organization's name using some kind of phonetic matching algorithm

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

__tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

address-use (optional)
Query Parameter — A use code specified in an address

name (optional)
Query Parameter — A portion of the organization's name or alias

__source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

__content (optional)
Query Parameter — Search on the entire content of the resource

address-city (optional)
Query Parameter — A city specified in an address

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Organization/_history

type-history: Fetch the resource change history for all resources of type Organization (organizationHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

### DELETE /Organization/{id}

**instance-delete**: Perform a logical delete on a resource instance (`organizationIdDelete`)

**Path parameters**
- id (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

### POST /Organization/{id}/$expunge

(organizationIdExpungePost)

**Path parameters**
- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json

**Request body**

- body **object** (optional)
  
  *Body Parameter* —

**Return type**
Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
GET `/Organization/{id}`

read-instance: Read Organization instance (organizationIdGet)

Path parameters

- `id` (required)
  
  *Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

---

GET `/Organization/{id}/_history`

instance-history: Fetch the resource change history for all resources of type Organization (organizationIdHistoryGet)

Path parameters

- `id` (required)
  
  *Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

---

GET `/Organization/{id}/_history/{version_id}`

vread-instance: Read Organization instance with specific version (organizationIdHistoryVersionIdGet)

Path parameters

- `id` (required)
  
  *Path Parameter* — The resource ID default: null

- `version_id` (required)
  
  *Path Parameter* — The resource version ID default: null

Return type
POST /Organization/{id}/$meta-add

(organizationIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

POST /Organization/{id}/$meta-delete

(organizationIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Organization/{id}/$meta

(organizationIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Organization/{id}

(instance-patch: Patch a resource instance of type Organization by ID (organizationIdPatch))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

https://10.2.2.41/api-doc/
PUT /Organization/{id}

update-instance: Update an existing Organization instance, or create using a client-assigned ID (organizationIdPut)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
  Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Organization/{id}/$validate

(organizationIdValidateGet)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Query parameters
GET /Organization/$meta

(organizationMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

  return (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /Organization

create-type: Create a new Organization instance (organizationPost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Organization/$validate
(organizationValidateGet)

Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

OrganizationAffiliation

POST /OrganizationAffiliation/$expunge
(organizationAffiliationExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

  body object (optional)
  Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /OrganizationAffiliation

search-type: Search for OrganizationAffiliation instances (organizationAffiliationGet)

This is a search type

**Query parameters**

- **date (optional)**
  Query Parameter — The period during which the participatingOrganization is affiliated with the primary organization

- **identifier (optional)**
  Query Parameter — An organization affiliation's Identifier

- **specialty (optional)**
  Query Parameter — Specific specialty of the participatingOrganization in the context of the role

- **role (optional)**
  Query Parameter — Definition of the role the participatingOrganization plays

- **_lastUpdated (optional)**
  Query Parameter — When the resource version last changed

- **_security (optional)**
  Query Parameter — Security Labels applied to this resource

- **active (optional)**
  Query Parameter — Whether this organization affiliation record is in active use

- **primary-organization (optional)**
  Query Parameter — The organization that receives the services from the participating organization

- **network (optional)**
  Query Parameter — Health insurance provider network in which the participatingOrganization provides the role's services (if defined) at the indicated locations (if defined)

- **_filter (optional)**
  Query Parameter — Search the contents of the resource's data using a filter

- **endpoint (optional)**
  Query Parameter — Technical endpoints providing access to services operated for this role

- **_profile (optional)**
  Query Parameter — Profiles this resource claims to conform to

- **phone (optional)**
  Query Parameter — A value in a phone contact

- **service (optional)**
  Query Parameter — Healthcare services provided through the role

- **_tag (optional)**
  Query Parameter — Tags applied to this resource

- **_has (optional)**
  Query Parameter — Return resources linked to by the given target

- **participating-organization (optional)**
  Query Parameter — The organization that provides services to the primary organization

- **_source (optional)**
  Query Parameter — Identifies where the resource comes from

- **location (optional)**
  Query Parameter — The location(s) at which the role occurs

- **telecom (optional)**
**Query Parameter** — The value in any kind of contact

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

email (optional)
Query Parameter — A value in an email contact

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**GET /OrganizationAffiliation/_history**

**type-history:** Fetch the resource change history for all resources of type OrganizationAffiliation (organizationAffiliationHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success **Object**

---

**DELETE /OrganizationAffiliation/{id}**

**instance-delete:** Perform a logical delete on a resource instance (organizationAffiliationIdDelete)

**Path parameters**

_id (required)
Path Parameter — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST /OrganizationAffiliation/{id}/$expunge

(organizationAffiliationIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /OrganizationAffiliation/{id}

read-instance: Read OrganizationAffiliation instance (organizationAffiliationIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /OrganizationAffiliation/{id}/_history

https://10.2.2.41/api-doc/
instance-history: Fetch the resource change history for all resources of type OrganizationAffiliation
(organizationAffiliationIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /OrganizationAffiliation/{id}/_history/{version_id}
vread-instance: Read OrganizationAffiliation instance with specific version
(organizationAffiliationIdHistoryVersionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

version_id (required)

Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /OrganizationAffiliation/{id}$/meta-add
(organizationAffiliationIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
POST /OrganizationAffiliation/{id}/$meta-delete

(organizationAffiliationIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /OrganizationAffiliation/{id}/$meta

(organizationAffiliationIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null
HAPI FHIR Server

Query parameters
return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /OrganizationAffiliation/{id}

instance-patch: Patch a resource instance of type OrganizationAffiliation by ID (organizationAffiliationIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /OrganizationAffiliation/{id}

update-instance: Update an existing OrganizationAffiliation instance, or create using a client-assigned ID (organizationAffiliationIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)

**Body Parameter**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

**GET /OrganizationAffiliation/{id}/$validate**

(organizationAffiliationIdValidateGet)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Query parameters**

resource (optional)

*Query Parameter* —

mode (optional)

*Query Parameter* —

profile (optional)

*Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

**GET /OrganizationAffiliation/$meta**

(organizationAffiliationMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance
Query parameters
   return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /OrganizationAffiliation
create-type: Create a new OrganizationAffiliation instance (organizationAffiliationPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /OrganizationAffiliation/$validate
(organizationAffiliationValidateGet)

Query parameters
   resource (optional)
   mode (optional)
   profile (optional)

Return type
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  Success **Object**

---

### Parameters

**POST /Parameters/$expunge**

(postParametersExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)

  **Body Parameter** —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  Success **Object**

---

**GET /Parameters**

(getParametersGet)

**search-type:** Search for Parameters instances

This is a search type

**Query parameters**

- **_profile** (optional)
  **Query Parameter** — Profiles this resource claims to conform to

- **_lastUpdated** (optional)
  **Query Parameter** — When the resource version last changed

- **_tag** (optional)
  **Query Parameter** — Tags applied to this resource

- **_has** (optional)
  **Query Parameter** — Return resources linked to by the given target

- **_security** (optional)
  **Query Parameter** — Security Labels applied to this resource

- **_source** (optional)
Query Parameter — identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

Content (optional)
Query Parameter — Search on the entire content of the resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Parameters/_history

type-history: Fetch the resource change history for all resources of type Parameters (parametersHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Parameters/{id}

instance-delete: Perform a logical delete on a resource instance (parametersIdDelete)

Path parameters

_id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
**POST /Parameters/{id}/$expunge**

(parametersIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body [object] (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
  - application/fhir+xml

Responses
200
Success [Object]

**GET /Parameters/{id}**

(read-instance: Read Parameters instance (parametersIdGet))

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
  - application/fhir+xml

Responses
200
Success [Object]

**GET /Parameters/{id}/_history**

(instance-history: Fetch the resource change history for all resources of type Parameters (parametersIdHistoryGet))
Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /Parameters/{id}/_history/{version_id}

vread-instance: Read Parameters instance with specific version (parametersIdHistoryVersionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

version_id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

POST /Parameters/{id}/$meta-add
(parametersIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
POST /Parameters/{id}$/meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Parameters/{id}$/meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Query parameters
### PATCH /Parameters/{id}

**instance-patch**: Patch a resource instance of type Parameters by ID (parametersIdPatch)

#### Path parameters

- **id** *(required)*
  - *(Path Parameter)* — The resource ID default: null

#### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body

- **body** *(optional)*
  - *(Body Parameter)*

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

#### Responses

200

Success **Object**

### PUT /Parameters/{id}

**update-instance**: Update an existing Parameters instance, or create using a client-assigned ID (parametersIdPut)

#### Path parameters

- **id** *(required)*
  - *(Path Parameter)* — The resource ID default: null

#### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

#### Responses

200

Success **Object**
GET /Parameters/{id}/$validate

Path parameters

id (required)

Query parameters

resource (optional)

mode (optional)

profile (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

application/fhir+json
application/fhir+xml

Responses

200
Success Object

GET /Parameters/$meta

Query parameters

return (optional)

Request a list of tags, profiles, and security labels for a specific resource instance
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Parameters
(create-type: Create a new Parameters instance (parametersPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Parameters/$validate
(parametersValidateGet)

Query parameters

resource (optional)
mode (optional)
profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success Object

### Patient

**GET /Patient/$everything**

(patientEverythingGet)

**Query parameters**

- `_count` (optional)
  - *Query Parameter* — Results from this method are returned across multiple pages. This parameter controls the size of those pages.

- `_offset` (optional)
  - *Query Parameter* — Results from this method are returned across multiple pages. This parameter controls the offset when fetching a page.

- `_lastUpdated` (optional)
  - *Query Parameter* — Only return resources which were last updated as specified by the given range

- `_content` (optional)
  - *Query Parameter* — Filter the resources to return only resources matching the given `_content` filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- `_text` (optional)
  - *Query Parameter* — Filter the resources to return only resources matching the given `_text` filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- `_filter` (optional)
  - *Query Parameter* — Filter the resources to return only resources matching the given `_filter` filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- `_type` (optional)
  - *Query Parameter* — Filter the resources to return only resources matching the given `_type` filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

- `_id` (optional)
  - *Query Parameter* — Filter the resources to return based on the patient ids provided.

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success Object
GET /Patient/$export
(patientExportGet)

Query parameters
- _outputFormat (optional)
  Query Parameter —
- _type (optional)
  Query Parameter —
- _since (optional)
  Query Parameter —
- _typeFilter (optional)
  Query Parameter —
- _mdm (optional)
  Query Parameter —
- patient (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Patient/$expunge
(patientExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
GET /Patient

search-type: Search for Patient instances (patientGet)

This is a search type

**Query parameters**

**birthdate (optional)**

*Query Parameter* — 

Multiple Resources:

- **Patient**: The patient's date of birth
- **Person**: The person's date of birth
- **RelatedPerson**: The Related Person's date of birth

**deceased (optional)**

*Query Parameter* — This patient has been marked as deceased, or as a death date entered

**address-state (optional)**

*Query Parameter* — 

Multiple Resources:

- **Patient**: A state specified in an address
- **Person**: A state specified in an address
- **Practitioner**: A state specified in an address
- **RelatedPerson**: A state specified in an address

**gender (optional)**

*Query Parameter* — 

Multiple Resources:

- **Patient**: Gender of the patient
- **Person**: The gender of the person
- **Practitioner**: Gender of the practitioner
- **RelatedPerson**: Gender of the related person

**_lastUpdated (optional)**

*Query Parameter* — When the resource version last changed

**link (optional)**

*Query Parameter* — All patients linked to the given patient

**language (optional)**

*Query Parameter* — Language code (irrespective of use value)

**address-country (optional)**

*Query Parameter* — 

Multiple Resources:

- **Patient**: A country specified in an address
- **Person**: A country specified in an address
- **Practitioner**: A country specified in an address
- **RelatedPerson**: A country specified in an address

**death-date (optional)**

*Query Parameter* — The date of death has been provided and satisfies this search value

**phonetic (optional)**

*Query Parameter* — 

Multiple Resources:

- **Patient**: A portion of either family or given name using some kind of phonetic matching algorithm
- **Person**: A portion of name using some kind of phonetic matching algorithm
Practitioner: A portion of either family or given name using some kind of phonetic matching algorithm

RelatedPerson: A portion of name using some kind of phonetic matching algorithm

telecom (optional)
*Query Parameter* —

Multiple Resources:

- **Patient**: The value in any kind of telecom details of the patient
- **Person**: The value in any kind of contact
- **Practitioner**: The value in any kind of contact
- **PractitionerRole**: The value in any kind of contact
- **RelatedPerson**: The value in any kind of contact

address-city (optional)
*Query Parameter* —

Multiple Resources:

- **Patient**: A city specified in an address
- **Person**: A city specified in an address
- **Practitioner**: A city specified in an address
- **RelatedPerson**: A city specified in an address

email (optional)
*Query Parameter* —

Multiple Resources:

- **Patient**: A value in an email contact
- **Person**: A value in an email contact
- **Practitioner**: A value in an email contact
- **PractitionerRole**: A value in an email contact
- **RelatedPerson**: A value in an email contact

given (optional)
*Query Parameter* —

Multiple Resources:

- **Patient**: A portion of the given name of the patient
- **Practitioner**: A portion of the given name

identifier (optional)
*Query Parameter* — A patient identifier

address (optional)
*Query Parameter* —

Multiple Resources:

- **Patient**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **Person**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **Practitioner**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **RelatedPerson**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text

general-practitioner (optional)
*Query Parameter* — Patient’s nominated general practitioner, not the organization that manages the record

security (optional)
*Query Parameter* — Security Labels applied to this resource

active (optional)
Query Parameter — Whether the patient record is active

address-postalcode (optional)
Query Parameter —

Multiple Resources:
- Patient: A postalCode specified in an address
- Person: A postal code specified in an address
- Practitioner: A postalCode specified in an address
- RelatedPerson: A postal code specified in an address

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

phone (optional)
Query Parameter —

Multiple Resources:
- Patient: A value in a phone contact
- Person: A value in a phone contact
- Practitioner: A value in a phone contact
- PractitionerRole: A value in a phone contact
- RelatedPerson: A value in a phone contact

_tag (optional)
Query Parameter — Tags applied to this resource

organization (optional)
Query Parameter — The organization that is the custodian of the patient record

_has (optional)
Query Parameter — Return resources linked to by the given target

address-use (optional)
Query Parameter —

Multiple Resources:
- Patient: A use code specified in an address
- Person: A use code specified in an address
- Practitioner: A use code specified in an address
- RelatedPerson: A use code specified in an address

name (optional)
Query Parameter — A server defined search that may match any of the string fields in the HumanName, including family, give, prefix, suffix, suffix, and/or text

-source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

family (optional)
Query Parameter —

Multiple Resources:
- Patient: A portion of the family name of the patient
- Practitioner: A portion of the family name
**GET /Patient/_history**

`type-history: Fetch the resource change history for all resources of type Patient (patientHistoryGet)`

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**DELETE /Patient/{id}**

`instance-delete: Perform a logical delete on a resource instance (patientIdDelete)`

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**GET /Patient/{id}/$everything**

(patientIdEverythingGet)

**Path parameters**

id (required)
Query parameters

_count (optional)
Query Parameter — Results from this method are returned across multiple pages. This parameter controls the size of those pages.

_offset (optional)
Query Parameter — Results from this method are returned across multiple pages. This parameter controls the offset when fetching a page.

_lastUpdated (optional)
Query Parameter — Only return resources which were last updated as specified by the given range

_content (optional)
Query Parameter — Filter the resources to return only resources matching the given _content filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

_text (optional)
Query Parameter — Filter the resources to return only resources matching the given _text filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

_filter (optional)
Query Parameter — Filter the resources to return only resources matching the given _filter filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

_type (optional)
Query Parameter — Filter the resources to return only resources matching the given _type filter (note that this filter is applied only to results which link to the given patient, not to the patient itself or to supporting resources linked to by the matched resources)

_id (optional)
Query Parameter — Filter the resources to return based on the patient ids provided.

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
POST /Patient/{id}/$expunge

(patientIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Patient/{id}/_history

instance-history: Fetch the resource change history for all resources of type Patient (patientIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Patient/{id}/_history/{version_id}

vread-instance: Read Patient instance with specific version (patientIdHistoryVersionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

version_id (required)

Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
POST /Patient/{id}/$meta-add

(patientIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Patient/{id}/$meta-delete

(patientIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### GET /Patient/{id}/$meta

**Paths**

GET /Patient/{id}/$meta

**Path parameters**

id (required)

Path Parameter — The resource ID default: null

**Query parameters**

return (optional)

Query Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success Object

---

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)

Body Parameter —

**Return type**

Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**PUT /Patient/{id}**

update-instance: Update an existing Patient instance, or create using a client-assigned ID (patientIdPut)

Path parameters

- **id (required)**
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- **body object (optional)**
  *Body Parameter*

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**GET /Patient/{id}/$validate**

(patientIdValidateGet)

Path parameters

- **id (required)**
  *Path Parameter* — The resource ID default: null

Query parameters

- **resource (optional)**
  *Query Parameter*
- **mode (optional)**
  *Query Parameter*
- **profile (optional)**
  *Query Parameter*
GET /Patient/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)

Responses
200
Success Object

POST /Patient

create-type: Create a new Patient instance (patientPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Patient/$validate

(patientValidateGet)

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PaymentNotice

POST /PaymentNotice/$expunge

(paymentNoticeExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /PaymentNotice

Search for PaymentNotice instances (paymentNoticeGet)

This is a search type

**Query parameters**

- **identifier (optional)**
  - Query Parameter — The business identifier of the notice

- **request (optional)**
  - Query Parameter — The Claim

- **created (optional)**
  - Query Parameter — Creation date for the notice

- **lastUpdated (optional)**
  - Query Parameter — When the resource version last changed

- **security (optional)**
  - Query Parameter — Security Labels applied to this resource

- **payment-status (optional)**
  - Query Parameter — The type of payment notice

- **filter (optional)**
  - Query Parameter — Search the contents of the resource’s data using a filter

- **profile (optional)**
  - Query Parameter — Profiles this resource claims to conform to

- **provider (optional)**
  - Query Parameter — The reference to the provider

- **response (optional)**
  - Query Parameter — The ClaimResponse

- **tag (optional)**
  - Query Parameter — Tags applied to this resource

- **has (optional)**
  - Query Parameter — Return resources linked to by the given target

- **source (optional)**
  - Query Parameter — Identifies where the resource comes from

- **id (optional)**
  - Query Parameter — Logical id of this artifact

- **text (optional)**
  - Query Parameter — Search on the narrative of the resource

- **content (optional)**
  - Query Parameter — Search on the entire content of the resource

- **status (optional)**
  - Query Parameter — The status of the payment notice

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object
GET /PaymentNotice/_history

**return type**
Object

**produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**responses**
200
Success Object

DELETE /PaymentNotice/{id}

**instance-delete**: Perform a logical delete on a resource instance (paymentNoticeIdDelete)

**path parameters**

- id (required)
  Path Parameter — The resource ID default: null

**return type**
Object

**produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**responses**
200
Success Object

POST /PaymentNotice/{id}/$expunge

(paymentNoticeIdExpungePost)

**path parameters**

- id (required)
  Path Parameter — The resource ID default: null

**consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**request body**

**body** object (optional)

**body parameter** —

**return type**
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /PaymentNotice/{id}**

read-instance: Read PaymentNotice instance (**paymentNoticeIdGet**)  

Path parameters

id (required)  
*Path Parameter* — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /PaymentNotice/{id}/_history**

instance-history: Fetch the resource change history for all resources of type PaymentNotice (**paymentNoticeIdHistoryGet**)  

Path parameters

id (required)  
*Path Parameter* — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /PaymentNotice/{id}/_history/{version_id}**

vread-instance: Read PaymentNotice instance with specific version (**paymentNoticeIdHistoryVersionIdGet**)
id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /PaymentNotice/{id}$/meta-add
(paymentNoticeIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource
Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /PaymentNotice/{id}$/meta-delete
(paymentNoticeIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource
Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /PaymentNotice/{id}/$meta
(paymentNoticeldMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)

Path Parameter — The resource ID default: null

Query parameters
return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /PaymentNotice/{id}
(instance-patch: Patch a resource instance of type PaymentNotice by ID (paymentNoticeldPatch))

Path parameters
id (required)
PUT /PaymentNotice/{id}

update-instance: Update an existing PaymentNotice instance, or create using a client-assigned ID (paymentNoticeIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /PaymentNotice/{id}/$validate

https://10.2.2.41/api-doc/
GET /PaymentNotice/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /PaymentNotice

create-type: Create a new PaymentNotice instance (paymentNoticePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

HAPI FHIR Server
https://10.2.2.41/api-doc/
GET /PaymentNotice/$validate

Query parameters

- resource (optional)
- mode (optional)
- profile (optional)

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PaymentReconciliation

POST /PaymentReconciliation/$expunge

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /PaymentReconciliation

search-type: Search for PaymentReconciliation instances (paymentReconciliationGet)

This is a search type

Query parameters

- **identifier** (optional)
  *Query Parameter* — The business identifier of the ExplanationOfBenefit

- **request** (optional)
  *Query Parameter* — The reference to the claim

- **created** (optional)
  *Query Parameter* — The creation date

- **lastUpdated** (optional)
  *Query Parameter* — When the resource version last changed

- **security** (optional)
  *Query Parameter* — Security Labels applied to this resource

- **requestor** (optional)
  *Query Parameter* — The reference to the provider who submitted the claim

- **filter** (optional)
  *Query Parameter* — Search the contents of the resource's data using a filter

- **disposition** (optional)
  *Query Parameter* — The contents of the disposition message

- **profile** (optional)
  *Query Parameter* — Profiles this resource claims to conform to

- **tag** (optional)
  *Query Parameter* — Tags applied to this resource

- **has** (optional)
  *Query Parameter* — Return resources linked to by the given target

- **source** (optional)
  *Query Parameter* — Identifies where the resource comes from

- **id** (optional)
  *Query Parameter* — Logical id of this artifact

- **text** (optional)
  *Query Parameter* — Search on the narrative of the resource

- **content** (optional)
  *Query Parameter* — Search on the entire content of the resource

- **outcome** (optional)
  *Query Parameter* — The processing outcome

- **payment-issuer** (optional)
### Query Parameter — The organization which generated this resource

### status (optional)

*Query Parameter* — The status of the payment reconciliation

### GET /PaymentReconciliation/_history

**Type:** Fetch the resource change history for all resources of type PaymentReconciliation *(paymentReconciliationHistoryGet)*

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

### DELETE /PaymentReconciliation/{id}

**Type:** Perform a logical delete on a resource instance *(paymentReconciliationIdDelete)*

**Path parameters**

<table>
<thead>
<tr>
<th>id (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Path Parameter</em> — The resource ID default: null</td>
</tr>
</tbody>
</table>

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

### POST /PaymentReconciliation/{id}/$expunge

*Type:*
Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /PaymentReconciliation/{id}
read-instance: Read PaymentReconciliation instance (paymentReconciliationIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /PaymentReconciliation/{id}/_history
instance-history: Fetch the resource change history for all resources of type PaymentReconciliation (paymentReconciliationIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /PaymentReconciliation/{id}/_history/{version_id}

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /PaymentReconciliation/{id}/$meta-add

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter — 

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses

**POST /PaymentReconciliation/{id}/$meta-delete**

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- id *(required)*
  
  **Path Parameter** — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body *object* *(optional)*
  
  **Body Parameter** —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

### GET /PaymentReconciliation/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- id *(required)*
  
  **Path Parameter** — The resource ID default: null

**Query parameters**

- return *(optional)*
  
  **Query Parameter** —

**Return type**

Object
**PATCH /PaymentReconciliation/{id}**

**instance-patch:** Patch a resource instance of type PaymentReconciliation by ID (paymentReconciliationIdPatch)

**Path parameters**

- **id** (required)
  
  **Path Parameter** — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body** object (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200 Success Object**

**PUT /PaymentReconciliation/{id}**

**update-instance:** Update an existing PaymentReconciliation instance, or create using a client-assigned ID (paymentReconciliationIdPut)

**Path parameters**

- **id** (required)
  
  **Path Parameter** — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body** object (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200 Success Object**
GET /PaymentReconciliation/{id}/$validate (paymentReconciliationIdValidateGet)

Path parameters
- id (required)
  - Path Parameter — The resource ID default: null

Query parameters
- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /PaymentReconciliation/$meta (paymentReconciliationMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /PaymentReconciliation

create-type: Create a new PaymentReconciliation instance (paymentReconciliationPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /PaymentReconciliation/$validate

(paymentReconciliationValidateGet)

Query parameters

- resource (optional)
_QUERY_PARAMETER —

mode (optional)
_QUERY_PARAMETER —

profile (optional)
_QUERY_PARAMETER —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
**Person**

**POST /Person/$expunge**  (personExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body **object** (optional)

**Body Parameter**

**Return type**

Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /Person**  (personGet)

**search-type**: Search for Person instances

This is a search type

**Query parameters**

**birthdate (optional)**

**Query Parameter**

Multiple Resources:

- **Patient**: The patient's date of birth
- **Person**: The person's date of birth
- **RelatedPerson**: The Related Person's date of birth

**address-state (optional)**

**Query Parameter**

Multiple Resources:

- **Patient**: A state specified in an address
- **Person**: A state specified in an address
- **Practitioner**: A state specified in an address
- **RelatedPerson**: A state specified in an address

**gender (optional)**

**Query Parameter**
Multiple Resources:

- **Patient**: Gender of the patient
- **Person**: The gender of the person
- **Practitioner**: Gender of the practitioner
- **RelatedPerson**: Gender of the related person

_lastUpdated (optional)_
Query Parameter — When the resource version last changed

**link (optional)**
Query Parameter — Any link has this Patient, Person, RelatedPerson or Practitioner reference

**address-country (optional)**
Query Parameter —

Multiple Resources:

- **Patient**: A country specified in an address
- **Person**: A country specified in an address
- **Practitioner**: A country specified in an address
- **RelatedPerson**: A country specified in an address

**phonetic (optional)**
Query Parameter —

Multiple Resources:

- **Patient**: A portion of either family or given name using some kind of phonetic matching algorithm
- **Person**: A portion of name using some kind of phonetic matching algorithm
- **Practitioner**: A portion of either family or given name using some kind of phonetic matching algorithm
- **RelatedPerson**: A portion of name using some kind of phonetic matching algorithm

**patient (optional)**
Query Parameter — The Person links to this Patient

**telecom (optional)**
Query Parameter —

Multiple Resources:

- **Patient**: The value in any kind of telecom details of the patient
- **Person**: The value in any kind of contact
- **Practitioner**: The value in any kind of contact
- **PractitionerRole**: The value in any kind of contact
- **RelatedPerson**: The value in any kind of contact

**address-city (optional)**
Query Parameter —

Multiple Resources:

- **Patient**: A city specified in an address
- **Person**: A city specified in an address
- **Practitioner**: A city specified in an address
- **RelatedPerson**: A city specified in an address

**email (optional)**
Query Parameter —

Multiple Resources:

- **Patient**: A value in an email contact
- **Person**: A value in an email contact
- **Practitioner**: A value in an email contact
- **PractitionerRole**: A value in an email contact
- **RelatedPerson**: A value in an email contact
identifier (optional)
Query Parameter — A person Identifier

address (optional)
Query Parameter —

Multiple Resources:
- **Patient**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **Person**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **Practitioner**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **RelatedPerson**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text

practitioner (optional)
Query Parameter — The Person links to this Practitioner

_security (optional)
Query Parameter — Security Labels applied to this resource

relatedperson (optional)
Query Parameter — The Person links to this RelatedPerson

address-postalcode (optional)
Query Parameter —

Multiple Resources:
- **Patient**: A postalCode specified in an address
- **Person**: A postal code specified in an address
- **Practitioner**: A postalCode specified in an address
- **RelatedPerson**: A postal code specified in an address

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

phone (optional)
Query Parameter —

Multiple Resources:
- **Patient**: A value in a phone contact
- **Person**: A value in a phone contact
- **Practitioner**: A value in a phone contact
- **PractitionerRole**: A value in a phone contact
- **RelatedPerson**: A value in a phone contact

_tag (optional)
Query Parameter — Tags applied to this resource

organization (optional)
Query Parameter — The organization at which this person record is being managed

_has (optional)
Query Parameter — Return resources linked to by the given target

address-use (optional)
Query Parameter —

Multiple Resources:
- **Patient**: A use code specified in an address
- **Person**: A use code specified in an address
- **Practitioner**: A use code specified in an address
- **RelatedPerson**: A use code specified in an address
name (optional)
Query Parameter — A server defined search that may match any of the string fields in the HumanName, including family, given, prefix, suffix, and/or text

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Person/_history

type-history: Fetch the resource change history for all resources of type Person (personHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Person/{id}

instance-delete: Perform a logical delete on a resource instance (personIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /Person/{id}/$expunge
(personIdExpungePost)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Person/{id}
(read-instance: Read Person instance (personIdGet))

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Person/{id}/_history

instance-history: Fetch the resource change history for all resources of type Person (personIdHistoryGet)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Person/{id}/_history/{version_id}

vread-instance: Read Person instance with specific version (personIdHistoryVersionIdGet)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Person/{id}/$meta-add
(personIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
POST /Person/{id}/$meta-delete
(personIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Person/{id}/$meta
(personIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
PATCH /Person/{id}

Instance-patch: Patch a resource instance of type Person by ID (personIdPatch)

Path parameters

id (required)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PUT /Person/{id}

update-instance: Update an existing Person instance, or create using a client-assigned ID (personIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Person/{id}/$validate (personIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Person/$meta (personMetaGet)
Query parameters

- `return` (optional)
  - *Query Parameter*

Return type
- Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- `application/fhir+json`
- `application/fhir+xml`

Responses
- **200**
  - Success *Object*

---

**POST /Person**

create-type: Create a new Person instance (*personPost*)

Consumes
This API call consumes the following media types via the Content-Type request header:

- `application/fhir+json`
- `application/fhir+xml`

Request body

- `body` *object* (optional)
  - *Body Parameter*

Return type
- Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- `application/fhir+json`
- `application/fhir+xml`

Responses
- **200**
  - Success *Object*

---

**GET /Person/$validate**

(*personValidateGet*)

Query parameters

- `resource` (optional)
  - *Query Parameter*

- `mode` (optional)
  - *Query Parameter*

- `profile` (optional)
  - *Query Parameter*
**PlanDefinition**

**POST /PlanDefinition/$expunge**

*(planDefinitionExpungePost)*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

*body object* (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  - application/fhir+xml

**Responses**

200 Success *Object*

**GET /PlanDefinition**

*search-type: Search for PlanDefinition instances (planDefinitionGet)*

This is a search type

**Query parameters**

- **date (optional)**
  *Query Parameter* — The plan definition publication date

- **successor (optional)**
  *Query Parameter* — What resource is being referenced

- **context-type-value (optional)**
  *Query Parameter* — A use context type and value assigned to the plan definition

- **lastUpdated (optional)**
  *Query Parameter* — When the resource version last changed

- **jurisdiction (optional)**
  *Query Parameter* — Intended jurisdiction for the plan definition
derived-from (optional)
Query Parameter — What resource is being referenced

description (optional)
Query Parameter — The description of the plan definition

context-type (optional)
Query Parameter — A type of use context assigned to the plan definition

predecessor (optional)
Query Parameter — What resource is being referenced

composed-of (optional)
Query Parameter — What resource is being referenced

title (optional)
Query Parameter — The human-friendly name of the plan definition

type (optional)
Query Parameter — The type of artifact the plan (e.g. order-set, eca-rule, protocol)

context-quantity (optional)
Query Parameter — A quantity- or range-valued use context assigned to the plan definition

depends-on (optional)
Query Parameter — What resource is being referenced

effective (optional)
Query Parameter — The time during which the plan definition is intended to be in use

c context (optional)
Query Parameter — A use context assigned to the plan definition

definition (optional)
Query Parameter — Activity or plan definitions used by plan definition

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the plan definition

identifier (optional)
Query Parameter — External identifier for the plan definition

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the plan definition

url (optional)
Query Parameter — The uri that identifies the plan definition

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Computationally friendly name of the plan definition

publisher (optional)
Query Parameter — Name of the publisher of the plan definition

topic (optional)
Query Parameter — Topics associated with the module

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact
### Query Parameters

- **_text (optional)**
  - *Query Parameter* — Search on the narrative of the resource

- **_content (optional)**
  - *Query Parameter* — Search on the entire content of the resource

- **status (optional)**
  - *Query Parameter* — The current status of the plan definition

### Return type

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses

**200**

Success **Object**

### GET /PlanDefinition/_history

**type-history:** Fetch the resource change history for all resources of type PlanDefinition (**planDefinitionHistoryGet**)

**Return type**

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200**

Success **Object**

### DELETE /PlanDefinition/{id}

**instance-delete:** Perform a logical delete on a resource instance (**planDefinitionIdDelete**)

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Return type**

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200**

Success **Object**
POST /PlanDefinition/{id}/$expunge

(planDefinitionIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /PlanDefinition/{id}

read-instance: Read PlanDefinition instance (planDefinitionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /PlanDefinition/{id}/_history

instance-history: Fetch the resource change history for all resources of type PlanDefinition (planDefinitionIdHistoryGet)

Path parameters
id (required)
GET /PlanDefinition/{id}/_history/{version_id}

Path parameters

- **id** (required)
  - *Path Parameter* — The resource ID default: null
- **version_id** (required)
  - *Path Parameter* — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success **Object**

POST /PlanDefinition/{id}$/meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id** (required)
  - *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body** *object* (optional)

Return type
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

```
POST /PlanDefinition/{id}/$meta-delete
```

Delete tags, profiles, and/or security labels from a resource

Path parameters

- **id (required)**
  - *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body** object (optional)
  - *Body Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

```
GET /PlanDefinition/{id}/$meta
```

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

- **id (required)**
  - *Path Parameter* — The resource ID default: null

Query parameters

- **return** (optional)
  - *Query Parameter* —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /PlanDefinition/{id}

instance-patch: Patch a resource instance of type PlanDefinition by ID (planDefinitionIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

PUT /PlanDefinition/{id}

update-instance: Update an existing PlanDefinition instance, or create using a client-assigned ID (planDefinitionIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
Request body
body object (optional)

Body Parameter —

Return type
Object

Returns
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /PlanDefinition/{id}/$validate (planDefinitionIdValidateGet)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /PlanDefinition/$meta (planDefinitionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

https://10.2.2.41/api-doc/
POST /PlanDefinition

create-type: Create a new PlanDefinition instance (planDefinitionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /PlanDefinition/$validate

(planDefinitionValidateGet)

Query parameters

- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
Responses
200
Success Object

Practitioner

POST /Practitioner/$expunge
(practitionerExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Practitioner

search-type: Search for Practitioner instances (practitionerGet)
This is a search type

Query parameters

- address-state (optional)
Query Parameter —
Multiple Resources:
- Patient: A state specified in an address
- Person: A state specified in an address
- Practitioner: A state specified in an address
- RelatedPerson: A state specified in an address

- gender (optional)
Query Parameter —
Multiple Resources:
- Patient: Gender of the patient
- Person: The gender of the person
- Practitioner: Gender of the practitioner
- RelatedPerson: Gender of the related person
_lastUpdated (optional)
Query Parameter — When the resource version last changed

address-country (optional)
Query Parameter —

Multiple Resources:
- **Patient**: A country specified in an address
- **Person**: A country specified in an address
- **Practitioner**: A country specified in an address
- **RelatedPerson**: A country specified in an address

phonetic (optional)
Query Parameter —

Multiple Resources:
- **Patient**: A portion of either family or given name using some kind of phonetic matching algorithm
- **Person**: A portion of name using some kind of phonetic matching algorithm
- **Practitioner**: A portion of either family or given name using some kind of phonetic matching algorithm
- **RelatedPerson**: A portion of name using some kind of phonetic matching algorithm

telecom (optional)
Query Parameter —

Multiple Resources:
- **Patient**: The value in any kind of telecom details of the patient
- **Person**: The value in any kind of contact
- **Practitioner**: The value in any kind of contact
- **PractitionerRole**: The value in any kind of contact
- **RelatedPerson**: The value in any kind of contact

address-city (optional)
Query Parameter —

Multiple Resources:
- **Patient**: A city specified in an address
- **Person**: A city specified in an address
- **Practitioner**: A city specified in an address
- **RelatedPerson**: A city specified in an address

communication (optional)
Query Parameter — One of the languages that the practitioner can communicate with

e-mail (optional)
Query Parameter —

Multiple Resources:
- **Patient**: A value in an email contact
- **Person**: A value in an email contact
- **Practitioner**: A value in an email contact
- **PractitionerRole**: A value in an email contact
- **RelatedPerson**: A value in an email contact

given (optional)
Query Parameter —

Multiple Resources:
- **Patient**: A portion of the given name of the patient
- **Practitioner**: A portion of the given name
identifier (optional)
Query Parameter — A practitioner's Identifier

address (optional)
Query Parameter —

Multiple Resources:

- **Patient**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **Person**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **Practitioner**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **RelatedPerson**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text

_security (optional)
Query Parameter — Security Labels applied to this resource

active (optional)
Query Parameter — Whether the practitioner record is active

address-postalcode (optional)
Query Parameter —

Multiple Resources:

- **Patient**: A postalCode specified in an address
- **Person**: A postal code specified in an address
- **Practitioner**: A postalCode specified in an address
- **RelatedPerson**: A postal code specified in an address

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

phone (optional)
Query Parameter —

Multiple Resources:

- **Patient**: A value in a phone contact
- **Person**: A value in a phone contact
- **Practitioner**: A value in a phone contact
- **PractitionerRole**: A value in a phone contact
- **RelatedPerson**: A value in a phone contact

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

address-use (optional)
Query Parameter —

Multiple Resources:

- **Patient**: A use code specified in an address
- **Person**: A use code specified in an address
- **Practitioner**: A use code specified in an address
- **RelatedPerson**: A use code specified in an address

name (optional)
Query Parameter — A server defined search that may match any of the string fields in the HumanName, including family, give, prefix, suffix, suffix, and/or text
_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

family (optional)
Query Parameter —

Multiple Resources:
- Patient: A portion of the family name of the patient
- Practitioner: A portion of the family name

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Practitioner/_history

type-history: Fetch the resource change history for all resources of type Practitioner (practitionerHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Practitioner/{id}

instance-delete: Perform a logical delete on a resource instance (practitionerIdDelete)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Return type
Object
POST /Practitioner/{id}/$expunge

(practitionerIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /Practitioner/{id}

(read-instance: Read Practitioner instance (practitionerIdGet))

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
GET /Practitioner/{id}/_history

instance-history: Fetch the resource change history for all resources of type Practitioner (practitionerIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Practitioner/{id}/_history/{version_id}

vread-instance: Read Practitioner instance with specific version (practitionerIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null
version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Practitioner/{id}/$meta-add

(practitionerIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
**POST /Practitioner/{id}/$meta-delete**

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body object (optional)**

  - *Body Parameter*

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  - application/fhir+xml

**Responses**

200

Success **Object**

---

**GET /Practitioner/{id}/$meta**

(practitionerIdMetaGet)

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body object (optional)**

  - *Body Parameter*

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  - application/fhir+xml

**Responses**

200

Success **Object**
Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- return (optional)
  
  *Query Parameter* —

**Return type**

*Object*

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
</tr>
</tbody>
</table>

**PATCH /Practitioner/{id}**

instance-patch: Patch a resource instance of type Practitioner by ID (practitionerIdPatch)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body object (optional)
  
  *Body Parameter* —

**Return type**

*Object*

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
</tr>
</tbody>
</table>

**PUT /Practitioner/{id}**

update-instance: Update an existing Practitioner instance, or create using a client-assigned ID (practitionerIdPut)
GET /Practitioner/{id}/$validate

( PractitionerIdValidateGet )

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Query parameters

  resource (optional)
    Query Parameter —
  mode (optional)
    Query Parameter —
  profile (optional)
    Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  - application/fhir+json
  - application/fhir+xml

Responses

200
  Success Object
GET /Practitioner/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Practitioner

create-type: Create a new Practitioner instance (practitionerPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Practitioner/$validate

Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
**PractitionerRole**

**POST /PractitionerRole/$expunge**

(practitionerRoleExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body **object** (optional)

**Return type**
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

**GET /PractitionerRole**

search-type: Search for PractitionerRole instances (practitionerRoleGet)

This is a search type

**Query parameters**

date (optional)
Query Parameter — The period during which the practitioner is authorized to perform in these role(s)

identifier (optional)
Query Parameter — A practitioner’s Identifier

specialty (optional)
Query Parameter — The practitioner has this specialty at an organization
role (optional)
Query Parameter — The practitioner can perform this role at for the organization

practitioner (optional)
Query Parameter — Practitioner that is able to provide the defined services for the organization

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

active (optional)
Query Parameter — Whether this practitioner role record is in active use

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

default (optional)
Query Parameter — Technical endpoints providing access to services operated for the practitioner with this role

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

phone (optional)
Query Parameter —

Multiple Resources:
- Patient: A value in a phone contact
  - Person: A value in a phone contact
  - Practitioner: A value in a phone contact
  - PractitionerRole: A value in a phone contact
  - RelatedPerson: A value in a phone contact

service (optional)
Query Parameter — The list of healthcare services that this worker provides for this role's Organization/Location(s)

_tag (optional)
Query Parameter — Tags applied to this resource

organization (optional)
Query Parameter — The identity of the organization the practitioner represents / acts on behalf of

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

telecom (optional)
Query Parameter —

Multiple Resources:
- Patient: The value in any kind of telecom details of the patient
  - Person: The value in any kind of contact
  - Practitioner: The value in any kind of contact
  - PractitionerRole: The value in any kind of contact
  - RelatedPerson: The value in any kind of contact

location (optional)
Query Parameter — One of the locations at which this practitioner provides care

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource
email (optional)
Query Parameter —

Multiple Resources:

- Patient: A value in an email contact
- Person: A value in an email contact
- Practitioner: A value in an email contact
- PractitionerRole: A value in an email contact
- RelatedPerson: A value in an email contact

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /PractitionerRole/_history

Get the resource change history for all resources of type PractitionerRole (practitionerRoleHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /PractitionerRole/{id}

Instance-delete: Perform a logical delete on a resource instance (practitionerRoleIdDelete)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
POST /PractitionerRole/{id}/$expunge

(pathPractitionerRoleExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

GET /PractitionerRole/{id}

(read-instance: Read PractitionerRole instance (pathPractitionerRoleGet))

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

GET /PractitionerRole/{id}/_history
Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
POST /PractitionerRole/{id}/$meta-delete

(practitionerRoleIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /PractitionerRole/{id}/$meta

(practitionerRoleIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null
Query parameters

return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /PractitionerRole/{id}

instance-patch: Patch a resource instance of type PractitionerRole by ID (practitionerRoleIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /PractitionerRole/{id}

update-instance: Update an existing PractitionerRole instance, or create using a client-assigned ID (practitionerRoleIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

https://10.2.2.41/api-doc/
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

**body object** (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object

---

**GET /PractitionerRole/{id}/$validate**  
(practitionerRoleValidateGet)

**Path parameters**

- id (required)  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- resource (optional)  
  *Query Parameter* —
- mode (optional)  
  *Query Parameter* —
- profile (optional)  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object

---

**GET /PractitionerRole/$meta**  
(practitionerRoleMetaGet)

**Request a list of tags, profiles, and security labels for a specific resource instance**

**Query parameters**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object
### POST /PractitionerRole

**create-type**: Create a new PractitionerRole instance ([practitionerRolePost](#practitionerRolePost))

#### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

#### Request body

**body** *(object, optional)*

**Body Parameter** —

#### Return type

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

#### Responses

**200**

Success **Object**

---

### GET /PractitionerRole/$validate

([practitionerRoleValidateGet](#practitionerRoleValidateGet))

#### Query parameters

- **resource** *(optional)*
  
  **Query Parameter** —

- **mode** *(optional)*
  
  **Query Parameter** —

- **profile** *(optional)*
  
  **Query Parameter** —

#### Return type

**Object**
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

Procedure

POST /Procedure/$expunge
(procedureExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Procedure

search-type: Search for Procedure instances (procedureGet)

This is a search type

Query parameters

date (optional)

Query Parameter —

Multiple Resources:

- AllergyIntolerance: Date first version of the resource instance was recorded
- CarePlan: Time period plan covers
- CareTeam: Time period team covers
- ClinicalImpression: When the assessment was documented
- Composition: Composition editing time
- Consent: When this Consent was created or indexed
- DiagnosticReport: The clinically relevant time of the report
- Encounter: A date within the period the Encounter lasted
- EpisodeOfCare: The provided date search value falls within the episode of care's period
- FamilyMemberHistory: When history was recorded or last updated
- Flag: Time period when flag is active
code (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: Code that identifies the allergy or intolerance
- **Condition**: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report, as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
- **Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

subject (optional)
Query Parameter — Search by subject

_lastUpdated (optional)
Query Parameter — When the resource version last changed

part-of (optional)
Query Parameter — Part of referenced event

reason-code (optional)
Query Parameter — Coded reason procedure performed

based-on (optional)
Query Parameter — A request for this procedure

patient (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
MedicationDispense: The identity of a patient to list dispenses for
MedicationRequest: Returns prescriptions for a specific patient
MedicationStatement: Returns statements for a specific patient
NutritionOrder: The identity of the person who requires the diet, formula or nutritional supplement
Observation: The subject that the observation is about (if patient)
Procedure: Search by subject - a patient
RiskAssessment: Who/what does assessment apply to?
ServiceRequest: Search by subject - a patient
SupplyDelivery: Patient for whom the item is supplied
VisionPrescription: The identity of a patient to list dispenses for

instantiates-uri (optional)
Query Parameter — Instantiates external protocol or definition

identifier (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: External ids for this item
- CarePlan: External ids for this plan
- CareTeam: External ids for this team
- Composition: Version-independent identifier for the Composition
- Consent: Unique identifier of the condition record
- DetectedIssue: Unique id for the detected issue
- DeviceRequest: Business identifier for request/order
- DiagnosticReport: An identifier for the report
- DocumentManifest: Unique Identifier for the set of documents
- DocumentReference: Master Version Specific Identifier for this record
- EpisodeOfCare: Business Identifier(s) relevant for this EpisodeOfCare
- FamilyMemberHistory: A search by a record identifier
- ImagingStudy: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- Immunization: Business identifier
- List: Business Identifier
- MedicationAdministration: Return administrations with this external identifier
- MedicationDispense: Returns dispenses with this external identifier
- MedicationRequest: Return prescriptions with this external identifier
- MedicationStatement: Return statements with this external identifier
- NutritionOrder: Return nutrition orders with this external identifier
- Observation: The unique id for a particular observation
- RiskAssessment: Unique identifier for the assessment
- ServiceRequest: Identifiers assigned to this order
- SupplyDelivery: External identifier
- SupplyRequest: Business Identifier for SupplyRequest
- VisionPrescription: Return prescriptions with this external identifier

performer (optional)
Query Parameter — The reference to the practitioner

security (optional)
Query Parameter — Security Labels applied to this resource

instantiates-canonical (optional)
Query Parameter — Instantiates FHIR protocol or definition

encounter (optional)
Query Parameter —

Multiple Resources:

- Composition: Context of the Composition
- DeviceRequest: Encounter during which request was created
- DiagnosticReport: The Encounter when the order was made
- DocumentReference: Context of the document content
- Flag: Alert relevant during encounter
List: Context in which list created
   - **NutritionOrder**: Return nutrition orders with this encounter identifier
   - **Observation**: Encounter related to the observation
   - **Procedure**: Encounter created as part of
   - **RiskAssessment**: Where was assessment performed?
   - **ServiceRequest**: An encounter in which this request is made
   - **VisionPrescription**: Return prescriptions with this encounter identifier

_filter (optional)
*Query Parameter* — Search the contents of the resource’s data using a filter

_profile (optional)
*Query Parameter* — Profiles this resource claims to conform to

_tag (optional)
*Query Parameter* — Tags applied to this resource

_has (optional)
*Query Parameter* — Return resources linked to by the given target

reason-reference (optional)
*Query Parameter* — The justification that the procedure was performed

_source (optional)
*Query Parameter* — Identifies where the resource comes from

_location (optional)
*Query Parameter* — Where the procedure happened

_id (optional)
*Query Parameter* — Logical id of this artifact

_text (optional)
*Query Parameter* — Search on the narrative of the resource

_content (optional)
*Query Parameter* — Search on the entire content of the resource

category (optional)
*Query Parameter* — Classification of the procedure

status (optional)
*Query Parameter* — preparation | in-progress | not-done | on-hold | stopped | completed | entered-in-error | unknown

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

application/fhir+json
application/fhir+xml

Responses
200
Success **Object**

GET /Procedure/_history

_type-history: Fetch the resource change history for all resources of type Procedure* (procedureHistoryGet)*

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

^ application/fhir+json
DELETE /Procedure/{id}

Instance-delete: Perform a logical delete on a resource instance (procedureIdDelete)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Procedure/{id}/$expunge
(procedureIdExpungePost)

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Procedure/{id}/_history

instance-history: Fetch the resource change history for all resources of type Procedure (procedureIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Procedure/{id}/_history/{version_id}

vread-instance: Read Procedure instance with specific version (procedureIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses
Success `Object`

POST /Procedure/{id}/$meta-add

(procedureIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
- `id` (required)
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json

Request body
- `body object` (optional)
  *Body Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses
Success `Object`

POST /Procedure/{id}/$meta-delete

(procedureIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
- `id` (required)
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json

Request body
- `body object` (optional)
GET /Procedure/{id}/$meta
(procedureIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PATCH /Procedure/{id}

(instance-patch: Patch a resource instance of type Procedure by ID (procedureIdPatch))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
PUT /Procedure/{id}  
update-instance: Update an existing Procedure instance, or create using a client-assigned ID (procedureIdPut)

Path parameters
id (required)
- Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
- Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Procedure/{id}/$validate
(procedureIdValidateGet)

Path parameters
id (required)
- Path Parameter — The resource ID default: null

Query parameters
resource (optional)
- Query Parameter —

Responses
200
Success Object
mode (optional)
Query Parameter

profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Procedure/$meta
(procedureMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Procedure
(create-type: Create a new Procedure instance (procedurePost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
Body Parameter

Return type
Object

Produces
GET /Procedure/$validate
(procedureValidateGet)

Query parameters
- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object

Provenance

POST /Provenance/$expunge
(provenanceExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

application/fhir+json

Request body
- body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

application/fhir+json
application/fhir+xml
GET /Provenance

search-type: Search for Provenance instances (provenanceGet)
This is a search type

Query parameters

agent-type (optional)
Query Parameter — How the agent participated
agent (optional)
Query Parameter — Who participated

signature-type (optional)
Query Parameter — Indication of the reason the entity signed the object(s)

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

recorded (optional)
Query Parameter — When the activity was recorded / updated
when (optional)
Query Parameter — When the activity occurred

target (optional)
Query Parameter — Target Reference(s) (usually version specific)

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter — Target Reference(s) (usually version specific)

tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_location (optional)
Query Parameter — Where the activity occurred, if relevant

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

agent-role (optional)
Query Parameter — What the agents role was

entity (optional)
Query Parameter — Identity of entity

Return type
Provenance

## GET /Provenance/_history

**type-history:** Fetch the resource change history for all resources of type Provenance ([provenanceHistoryGet](#))

### Return type
Object

### Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses
200
Success [Object](#)

## DELETE /Provenance/{id}

**instance-delete:** Perform a logical delete on a resource instance ([provenanceIdDelete](#))

### Path parameters
- **id (required)**
  
  **Path Parameter** — The resource ID default: null

### Return type
Object

### Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses
200
Success [Object](#)

## POST /Provenance/{id}/$expunge

([provenanceIdExpungePost](#))

### Path parameters
- **id (required)**
  
  **Path Parameter** — The resource ID default: null

https://10.2.2.41/api-doc/
Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter –

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Provenance/{id}

read-instance: Read Provenance instance (provenanceldGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Provenance/{id}/_history

instance-history: Fetch the resource change history for all resources of type Provenance (provenanceldHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /Provenance/{id}/_history/{version_id}

vread-instance: Read Provenance instance with specific version (provenanceIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Provenance/{id}/$meta-add
(provenanceIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
POST /Provenance/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)  
*Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200  
Success Object

GET /Provenance/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)  
*Path Parameter* — The resource ID default: null

Query parameters

return (optional)  
*Query Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
### PATCH /Provenance/{id}

**instance-patch**: Patch a resource instance of type Provenance by ID (**provenanceIdPatch**)

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- *body object* (optional)
  - *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  - Success **Object**

### PUT /Provenance/{id}

**update-instance**: Update an existing Provenance instance, or create using a client-assigned ID (**provenanceIdPut**)

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- *body object* (optional)
  - *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Provenance/{id}/$validate
(provenanceIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Provenance/$meta
(provenanceMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
**POST /Provenance**

create-type: Create a new Provenance instance (provenancePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**
- body object (optional)
  Body Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**GET /Provenance/$validate**

(provenanceValidateGet)

**Query parameters**
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**Questionnaire**

https://10.2.2.41/api-doc/
POST /Questionnaire/$expunge

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Questionnaire

search-type: Search for Questionnaire instances (questionnaireGet)

This is a search type

Query parameters

date (optional)
Query Parameter — The questionnaire publication date

code (optional)
Query Parameter — A code that corresponds to one of its items in the questionnaire

context-type-value (optional)
Query Parameter — A use context type and value assigned to the questionnaire

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter — Intended jurisdiction for the questionnaire

description (optional)
Query Parameter — The description of the questionnaire

context-type (optional)
Query Parameter — A type of use context assigned to the questionnaire

title (optional)
Query Parameter — The human-friendly name of the questionnaire

context-quantity (optional)
Query Parameter — A quantity- or range-valued use context assigned to the questionnaire

effective (optional)
Query Parameter — The time during which the questionnaire is intended to be in use

context (optional)
Query Parameter — A use context assigned to the questionnaire

definition (optional)
HAPI FHIR Server

Query Parameter — ElementDefinition - details for the item

context-type-quantity (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the questionnaire

identifier (optional)
Query Parameter — External identifier for the questionnaire

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the questionnaire

url (optional)
Query Parameter — The uri that identifies the questionnaire

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

subject-type (optional)
Query Parameter — Resource that can be subject of QuestionnaireResponse

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Computationally friendly name of the questionnaire

publisher (optional)
Query Parameter — Name of the publisher of the questionnaire

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_status (optional)
Query Parameter — The current status of the questionnaire

Return type
Object

Returns
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Questionnaire/_history

type-history: Fetch the resource change history for all resources of type Questionnaire (questionnaireHistoryGet)

Return type
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

DELETE /Questionnaire/{id}

instance-delete: Perform a logical delete on a resource instance (questionnaireIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Questionnaire/{id}/$expunge

(questionnaireIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /Questionnaire/{id}
read-instance: Read Questionnaire instance (questionnaireIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Questionnaire/{id}/_history
instance-history: Fetch the resource change history for all resources of type Questionnaire (questionnaireIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Questionnaire/{id}/_history/{version_id}
vread-instance: Read Questionnaire instance with specific version (questionnaireIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null
version_id (required)
Path Parameter — The resource version ID default: null
POST /Questionnaire/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

POST /Questionnaire/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Response type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object
Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Questionnaire/{id}/$meta

(questionnaireIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Questionnaire/{id}

(instance-patch) Patch a resource instance of type Questionnaire by ID (questionnaireIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
PUT /Questionnaire/{id}

update-instance: Update an existing Questionnaire instance, or create using a client-assigned ID (questionnaireIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Questionnaire/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Questionnaire

create-type: Create a new Questionnaire instance (questionnairePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Return type
Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Questionnaire/$validate

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

QuestionnaireResponse

POST /QuestionnaireResponse/$expunge

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /QuestionnaireResponse

search-type: Search for QuestionnaireResponse instances (questionnaireResponseGet)
This is a search type

Query parameters

  authored (optional)
  Query Parameter — When the questionnaire response was last changed

  identifier (optional)
  Query Parameter — The unique identifier for the questionnaire response

  questionnaire (optional)
  Query Parameter — The questionnaire the answers are provided for

  author (optional)
  Query Parameter — The author of the questionnaire response

  subject (optional)
  Query Parameter — The subject of the questionnaire response

  _lastUpdated (optional)
  Query Parameter — When the resource version last changed

  _security (optional)
  Query Parameter — Security Labels applied to this resource

  part-of (optional)
  Query Parameter — Procedure or observation this questionnaire response was performed as a part of

  encounter (optional)
  Query Parameter — Encounter associated with the questionnaire response

  source (optional)
  Query Parameter — The individual providing the information reflected in the questionnaire response

  _filter (optional)
  Query Parameter — Search the contents of the resource's data using a filter

  based-on (optional)
  Query Parameter — Plan/proposal/order fulfilled by this questionnaire response

  _profile (optional)
  Query Parameter — Profiles this resource claims to conform to

  patient (optional)
  Query Parameter — The patient that is the subject of the questionnaire response

  _tag (optional)
  Query Parameter — Tags applied to this resource

  _has (optional)
  Query Parameter — Return resources linked to by the given target

  _source (optional)
  Query Parameter — Identifies where the resource comes from

  _id (optional)
  Query Parameter — Logical id of this artifact

  _text (optional)
  Query Parameter — Search on the narrative of the resource

  _content (optional)
  Query Parameter — Search on the entire content of the resource
status (optional)

Query Parameter — The status of the questionnaire response

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /QuestionnaireResponse/_history

type-history: Fetch the resource change history for all resources of type QuestionnaireResponse (questionnaireResponseHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /QuestionnaireResponse/{id}

instance-delete: Perform a logical delete on a resource instance (questionnaireResponseIdDelete)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /QuestionnaireResponse/{id}/$expunge

(questionnaireResponseIdExpungePost)
Path parameters
  id (required)
  
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

  body **object** (optional)

  Body Parameter

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

---

GET /QuestionnaireResponse/{id}

read-instance: Read QuestionnaireResponse instance (questionnaireResponseIdGet)

Path parameters

  id (required)

  Path Parameter — The resource ID default: null

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

---

GET /QuestionnaireResponse/{id}/_history

instance-history: Fetch the resource change history for all resources of type QuestionnaireResponse (questionnaireResponseIdHistoryGet)

Path parameters

  id (required)

  Path Parameter — The resource ID default: null

Return type

Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success **Object**

---

**GET /QuestionnaireResponse/{id}/_history/{version_id}**

vread-instance: Read QuestionnaireResponse instance with specific version (questionnaireResponseldHistoryVersionIdGet)

Path parameters

- *id (required)*
  
  **Path Parameter** — The resource ID default: null

- *version_id (required)*
  
  **Path Parameter** — The resource version ID default: null

Return type

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200 Success **Object**

---

**POST /QuestionnaireResponse/{id}/$meta-add**

(questionnaireResponseldMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- *id (required)*
  
  **Path Parameter** — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- *body** object (optional)*

  **Body Parameter** —

Return type

**Object**

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200 Success** Object

---

**POST /QuestionnaireResponse/{id}/$meta-delete**

*(questionnaireResponse{id}MetaDeletePost)*

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body object (optional)**

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200 Success** Object

---

**GET /QuestionnaireResponse/{id}/$meta**

*(questionnaireResponse{id}MetaGet)*

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **return (optional)**

**Return type**

Object
### PATCH /QuestionnaireResponse/{id}

instance-patch: Patch a resource instance of type QuestionnaireResponse by ID (questionnaireResponsePatchId)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body object (optional)**
  
  *Body Parameter*

**Return type**

Object

### PUT /QuestionnaireResponse/{id}

update-instance: Update an existing QuestionnaireResponse instance, or create using a client-assigned ID (questionnaireResponsePutId)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body object (optional)**
GET /QuestionnaireResponse/{id}/$validate

(.questionnaireResponseValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

mode (optional)

profile (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /QuestionnaireResponse/$meta

(questionnaireResponseMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object
POST /QuestionnaireResponse

create-type: Create a new QuestionnaireResponse instance (questionnaireResponsePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /QuestionnaireResponse/$validate

(questionnaireResponseValidateGet)

Query parameters

resource (optional)
Query Parameter

mode (optional)
Query Parameter

profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
RelatedPerson

**POST /RelatedPerson/$expunge**

(relatedPersonExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body object (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**GET /RelatedPerson**

search-type: Search for RelatedPerson instances (relatedPersonGet)

This is a search type

**Query parameters**

**birthdate (optional)**

Query Parameter —

Multiple Resources:

- **Patient**: The patient’s date of birth
- **Person**: The person’s date of birth
- **RelatedPerson**: The Related Person’s date of birth

**address-state (optional)**

Query Parameter —

Multiple Resources:

- **Patient**: A state specified in an address
- **Person**: A state specified in an address
- **Practitioner**: A state specified in an address
- **RelatedPerson**: A state specified in an address

**gender (optional)**

Query Parameter —
Multiple resources:

- Patient: Gender of the patient
- Person: The gender of the person
- Practitioner: Gender of the practitioner
- RelatedPerson: Gender of the related person

_lastUpdated (optional)
Query Parameter — When the resource version last changed

address-country (optional)
Query Parameter —

Multiple Resources:
- Patient: A country specified in an address
- Person: A country specified in an address
- Practitioner: A country specified in an address
- RelatedPerson: A country specified in an address

phonetic (optional)
Query Parameter —

Multiple Resources:
- Patient: A portion of either family or given name using some kind of phonetic matching algorithm
- Person: A portion of name using some kind of phonetic matching algorithm
- Practitioner: A portion of either family or given name using some kind of phonetic matching algorithm
- RelatedPerson: A portion of name using some kind of phonetic matching algorithm

patient (optional)
Query Parameter — The patient this related person is related to

telecom (optional)
Query Parameter —

Multiple Resources:
- Patient: The value in any kind of telecom details of the patient
- Person: The value in any kind of contact
- Practitioner: The value in any kind of contact
- PractitionerRole: The value in any kind of contact
- RelatedPerson: The value in any kind of contact

address-city (optional)
Query Parameter —

Multiple Resources:
- Patient: A city specified in an address
- Person: A city specified in an address
- Practitioner: A city specified in an address
- RelatedPerson: A city specified in an address

relationship (optional)
Query Parameter — The relationship between the patient and the relatedperson

e-mail (optional)
Query Parameter —

Multiple Resources:
- Patient: A value in an email contact
- Person: A value in an email contact
- Practitioner: A value in an email contact
- PractitionerRole: A value in an email contact
- RelatedPerson: A value in an email contact
**identifier (optional)**
*Query Parameter* — An Identifier of the RelatedPerson

**address (optional)**
*Query Parameter* —

Multiple Resources:
- **Patient**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **Person**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **Practitioner**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text
- **RelatedPerson**: A server defined search that may match any of the string fields in the Address, including line, city, district, state, country, postalCode, and/or text

**_security (optional)**
*Query Parameter* — Security Labels applied to this resource

**active (optional)**
*Query Parameter* — Indicates if the related person record is active

**address-postalcode (optional)**
*Query Parameter* —

Multiple Resources:
- **Patient**: A postalCode specified in an address
- **Person**: A postal code specified in an address
- **Practitioner**: A postalCode specified in an address
- **RelatedPerson**: A postal code specified in an address

**_filter (optional)**
*Query Parameter* — Search the contents of the resource's data using a filter

**_profile (optional)**
*Query Parameter* — Profiles this resource claims to conform to

**phone (optional)**
*Query Parameter* —

Multiple Resources:
- **Patient**: A value in a phone contact
- **Person**: A value in a phone contact
- **Practitioner**: A value in a phone contact
- **PractitionerRole**: A value in a phone contact
- **RelatedPerson**: A value in a phone contact

**_tag (optional)**
*Query Parameter* — Tags applied to this resource

**_has (optional)**
*Query Parameter* — Return resources linked to by the given target

**address-use (optional)**
*Query Parameter* —

Multiple Resources:
- **Patient**: A use code specified in an address
- **Person**: A use code specified in an address
- **Practitioner**: A use code specified in an address
- **RelatedPerson**: A use code specified in an address

**name (optional)**
*Query Parameter* — A server defined search that may match any of the string fields in the HumanName, including family, give, prefix, suffix, suffix, and/or text
_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /RelatedPerson/_history

type-history: Fetch the resource change history for all resources of type RelatedPerson (relatedPersonHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /RelatedPerson/{id}

instance-delete: Perform a logical delete on a resource instance (relatedPersonIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
**POST /RelatedPerson/{id}/$expunge**

(relatedPersonIdExpungePost)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json

**Request body**

body object (optional)

*Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**GET /RelatedPerson/{id}**

read-instance: Read RelatedPerson instance (relatedPersonIdGet)

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Return type**

Object

**Produce**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**GET /RelatedPerson/{id}/_history**

instance-history: Fetch the resource change history for all resources of type RelatedPerson (relatedPersonIdHistoryGet)
Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /RelatedPerson/{id}/_history/{version_id}

vread-instance: Read RelatedPerson instance with specific version (relatedPersonIdHistoryVersionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

version_id (required)

Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /RelatedPerson/{id}/$meta-add

(relatedPersonIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /RelatedPerson/{id}/$meta-delete
(relatedPersonIdMetaDeletePut)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /RelatedPerson/{id}/$meta
(relatedPersonIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /RelatedPerson/{id}

instance-patch: Patch a resource instance of type RelatedPerson by ID (relatedPersonIdPatch)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /RelatedPerson/{id}

update-instance: Update an existing RelatedPerson instance, or create using a client-assigned ID (relatedPersonIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
GET /RelatedPerson/{id}$/validate

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

mode (optional)

profile (optional)

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /RelatedPerson/$meta

(relatedPersonMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
**POST /RelatedPerson**

create-type: Create a new RelatedPerson instance (relatedPersonPost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

**Request body**

- **body** object (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

---

**GET /RelatedPerson/$validate**

(relatedPersonValidateGet)

**Query parameters**
- **resource** (optional)
- **mode** (optional)
- **profile** (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### POST /RequestGroup/$expunge

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body** object (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### GET /RequestGroup

**search-type:** Search for RequestGroup instances (**requestGroupGet**)  

This is a search type

**Query parameters**

- **authored** (optional)  
  *Query Parameter* — The date the request group was authored

- **identifier** (optional)  
  *Query Parameter* — External identifiers for the request group

- **code** (optional)  
  *Query Parameter* — The code of the request group

- **author** (optional)  
  *Query Parameter* — The author of the request group

- **subject** (optional)  
  *Query Parameter* — The subject that the request group is about

- **lastUpdated** (optional)  
  *Query Parameter* — When the resource version last changed

- **_security** (optional)
query parameter — Security labels applied to this resource

instantiates-canonical (optional)
Query Parameter — The FHIR-based definition from which the request group is realized

encounter (optional)
Query Parameter — The encounter the request group applies to

priority (optional)
Query Parameter — The priority of the request group

intent (optional)
Query Parameter — The intent of the request group

participant (optional)
Query Parameter — The participant in the requests in the group

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

group-identifier (optional)
Query Parameter — The group identifier for the request group

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter — The identity of a patient to search for request groups

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

instantiates-uri (optional)
Query Parameter — The external definition from which the request group is realized

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — The status of the request group

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /RequestGroup/_history

return type: Fetch the resource change history for all resources of type RequestGroup (requestGroupHistoryGet)
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Response**

200
Success **Object**

---

### DELETE /RequestGroup/{id}

**instance-delete**: Perform a logical delete on a resource instance (requestGroupIdDelete)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Response**

200
Success **Object**

---

### POST /RequestGroup/{id}/$expunge

(requestGroupIdExpungePost)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body object (optional)**

  *Body Parameter* —

**Return type**

Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /RequestGroup/{id}

read-instance: Read RequestGroup instance (requestGroupIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /RequestGroup/{id}/_history

instance-history: Fetch the resource change history for all resources of type RequestGroup (requestGroupIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type

Object

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /RequestGroup/{id}/_history/{version_id}

vread-instance: Read RequestGroup instance with specific version (requestGroupIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null
version_id (required)
Path Parameter — The resource version ID default: null
**POST /RequestGroup/{id}/$meta-add**

(requestGroupIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

**Path parameters**

- id (required)
  
*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)

  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  
- application/fhir+xml

**Responses**

200

Success **Object**

---

**POST /RequestGroup/{id}/$meta-delete**

(requestGroupIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- id (required)

  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  
- application/fhir+xml

**Responses**

200

Success **Object**
### GET /RequestGroup/{id}/$meta

**Path parameters**

- **id**: The resource ID, default: null

**Query parameters**

- **return**: Optional

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success Object

---

### PATCH /RequestGroup/{id}

**Path parameters**

- **id**: The resource ID, default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
PUT /RequestGroup/{id}

update-instance: Update an existing RequestGroup instance, or create using a client-assigned ID (requestGroupIdPut)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /RequestGroup/{id}/$validate

(requestGroupIdValidateGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Query parameters

HAPI FHIR Server

https://10.2.2.41/api-doc/
GET /RequestGroup/$meta (requestGroupMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /RequestGroup (requestGroupPost)

create-type: Create a new RequestGroup instance

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Response
200
Success Object

GET /RequestGroup/$validate
(requestGroupValidateGet)

Query parameters
- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

ResearchDefinition

POST /ResearchDefinition/$expunge
(researchDefinitionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /ResearchDefinition

search-type: Search for ResearchDefinition instances (researchDefinitionGet)
This is a search type

Query parameters

date (optional)
  Query Parameter — The research definition publication date

successor (optional)
  Query Parameter — What resource is being referenced

context-type-value (optional)
  Query Parameter — A use context type and value assigned to the research definition

_lastUpdated (optional)
  Query Parameter — When the resource version last changed

jurisdiction (optional)
  Query Parameter — Intended jurisdiction for the research definition

derived-from (optional)
  Query Parameter — What resource is being referenced

description (optional)
  Query Parameter — The description of the research definition

context-type (optional)
  Query Parameter — A type of use context assigned to the research definition

predecessor (optional)
  Query Parameter — What resource is being referenced

composed-of (optional)
  Query Parameter — What resource is being referenced

title (optional)
  Query Parameter — The human-friendly name of the research definition

context-quantity (optional)
  Query Parameter — A quantity- or range-valued use context assigned to the research definition

depends-on (optional)
  Query Parameter — What resource is being referenced

effective (optional)
  Query Parameter — The time during which the research definition is intended to be in use

context (optional)
  Query Parameter — A use context assigned to the research definition

context-type-quantity (optional)
  Query Parameter — A use context type and quantity- or range-based value assigned to the research definition

identifier (optional)
  Query Parameter — External identifier for the research definition

_security (optional)
  Query Parameter — Security Labels applied to this resource

version (optional)
  Query Parameter — The business version of the research definition

url (optional)
  Query Parameter — The uri that identifies the research definition

Responses
200
Success Object

https://10.2.2.41/api-doc/
Filter (optional)
*Query Parameter* — Search the contents of the resource's data using a filter

Profile (optional)
*Query Parameter* — Profiles this resource claims to conform to

Tag (optional)
*Query Parameter* — Tags applied to this resource

Has (optional)
*Query Parameter* — Return resources linked to by the given target

Name (optional)
*Query Parameter* — Computationally friendly name of the research definition

Publisher (optional)
*Query Parameter* — Name of the publisher of the research definition

Topic (optional)
*Query Parameter* — Topics associated with the ResearchDefinition

Source (optional)
*Query Parameter* — Identifies where the resource comes from

Id (optional)
*Query Parameter* — Logical id of this artifact

Text (optional)
*Query Parameter* — Search on the narrative of the resource

Content (optional)
*Query Parameter* — Search on the entire content of the resource

Status (optional)
*Query Parameter* — The current status of the research definition

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success *Object*

GET /ResearchDefinition/_history

Type-history: Fetch the resource change history for all resources of type ResearchDefinition
(researchDefinitionHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success *Object*
DELETE /ResearchDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (researchDefinitionIdDelete)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /ResearchDefinition/{id}/$expunge

(researchDefinitionIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ResearchDefinition/{id}

read-instance: Read ResearchDefinition instance (researchDefinitionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
<th>Return Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

---

**GET /ResearchDefinition/{id}/_history**

instance-history: Fetch the resource change history for all resources of type ResearchDefinition (researchDefinitionIdHistoryGet)

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>(required)</td>
</tr>
</tbody>
</table>

Path Parameter — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
<th>Return Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

---

**GET /ResearchDefinition/{id}/_history/{version_id}**

vread-instance: Read ResearchDefinition instance with specific version (researchDefinitionIdHistoryVersionIdGet)

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>(required)</td>
</tr>
<tr>
<td>version_id</td>
<td>(required)</td>
</tr>
</tbody>
</table>

Path Parameter — The resource ID default: null

Path Parameter — The resource version ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
<th>Return Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>
POST /ResearchDefinition/{id}/$meta-add

(researchDefinitionIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

POST /ResearchDefinition/{id}/$meta-delete

(researchDefinitionIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /ResearchDefinition/{id}/$meta

(requestDefinitionIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

  id (required)
  Path Parameter — The resource ID default: null

Query parameters

  return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

PATCH /ResearchDefinition/{id}

(instance-patch: Patch a resource instance of type ResearchDefinition by ID (researchDefinitionIdPatch))

Path parameters

  id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

  - application/fhir+json
  - application/fhir+xml

Request body

  body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
**PUT /ResearchDefinition/{id}**

update-instance: Update an existing ResearchDefinition instance, or create using a client-assigned ID (researchDefinitionIdPut)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body** object (optional)

  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  
  Success **Object**

---

**GET /ResearchDefinition/{id}/$validate**

(researchDefinitionIdValidateGet)

**Path parameters**

- **id** (required)

  *Path Parameter* — The resource ID default: null

**Query parameters**

- **resource** (optional)

  *Query Parameter* —

- **mode** (optional)

  *Query Parameter* —

- **profile** (optional)

  *Query Parameter* —

**Return type**

Object
**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /ResearchDefinition/$meta**
(researchDefinitionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- **return (optional)**

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**POST /ResearchDefinition**
create-type: Create a new ResearchDefinition instance (researchDefinitionPost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body object** (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
GET /ResearchDefinition/$validate  
(researchDefinitionValidateGet)

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

ResearchElementDefinition

POST /ResearchElementDefinition/$expunge  
(researchElementDefinitionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ResearchElementDefinition

https://10.2.2.41/api-doc/
search-type: Search for ResearchElementDefinition instances (researchElementDefinitionGet)

This is a search type

Query parameters

- **date (optional)**
  
  *Query Parameter* — The research element definition publication date

- **successor (optional)**
  
  *Query Parameter* — What resource is being referenced

- **context-type-value (optional)**
  
  *Query Parameter* — A use context type and value assigned to the research element definition

- **lastUpdated (optional)**
  
  *Query Parameter* — When the resource version last changed

- **jurisdiction (optional)**
  
  *Query Parameter* — Intended jurisdiction for the research element definition

- **derived-from (optional)**
  
  *Query Parameter* — What resource is being referenced

- **description (optional)**
  
  *Query Parameter* — The description of the research element definition

- **context-type (optional)**
  
  *Query Parameter* — A type of use context assigned to the research element definition

- **predecessor (optional)**
  
  *Query Parameter* — What resource is being referenced

- **composed-of (optional)**
  
  *Query Parameter* — What resource is being referenced

- **title (optional)**
  
  *Query Parameter* — The human-friendly name of the research element definition

- **context-quantity (optional)**
  
  *Query Parameter* — A quantity- or range-valued use context assigned to the research element definition

- **depends-on (optional)**
  
  *Query Parameter* — What resource is being referenced

- **effective (optional)**
  
  *Query Parameter* — The time during which the research element definition is intended to be in use

- **context (optional)**
  
  *Query Parameter* — A use context assigned to the research element definition

- **context-type-quantity (optional)**
  
  *Query Parameter* — A use context type and quantity- or range-based value assigned to the research element definition

- **identifier (optional)**
  
  *Query Parameter* — External identifier for the research element definition

- **security (optional)**
  
  *Query Parameter* — Security Labels applied to this resource

- **version (optional)**
  
  *Query Parameter* — The business version of the research element definition

- **url (optional)**
  
  *Query Parameter* — The uri that identifies the research element definition

- **_filter (optional)**
  
  *Query Parameter* — Search the contents of the resource's data using a filter

- **_profile (optional)**
  
  *Query Parameter* — Profiles this resource claims to conform to

- **_tag (optional)**
  
  *Query Parameter* — Tags applied to this resource

- **_has (optional)**
  
  *Query Parameter* —
**Query Parameter** — Return resources linked to by the given target

- **name (optional)**
  - Query Parameter — Computationally friendly name of the research element definition

- **publisher (optional)**
  - Query Parameter — Name of the publisher of the research element definition

- **topic (optional)**
  - Query Parameter — Topics associated with the ResearchElementDefinition

- **_source (optional)**
  - Query Parameter — Identifies where the resource comes from

- **_id (optional)**
  - Query Parameter — Logical id of this artifact

- **_text (optional)**
  - Query Parameter — Search on the narrative of the resource

- **_content (optional)**
  - Query Parameter — Search on the entire content of the resource

- **status (optional)**
  - Query Parameter — The current status of the research element definition

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

---

**GET /ResearchElementDefinition/_history**

**type-history**: Fetch the resource change history for all resources of type ResearchElementDefinition (researchElementDefinitionHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

---

**DELETE /ResearchElementDefinition/{id}**

**instance-delete**: Perform a logical delete on a resource instance (researchElementDefinitionIdDelete)

**Path parameters**
- **id (required)**
  - Path Parameter — The resource ID default: null
POST /ResearchElementDefinition/{id}/$expunge

( researchElementDefinitionIdExpungePost )

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json

Responses

200 Success Object

GET /ResearchElementDefinition/{id}

( researchElementDefinitionIdGet )

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /ResearchElementDefinition/{id}/_history

Instance-history: Fetch the resource change history for all resources of type ResearchElementDefinition (researchElementDefinitionIdHistoryGet)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /ResearchElementDefinition/{id}/_history/{version_id}

Vread-instance: Read ResearchElementDefinition instance with specific version (researchElementDefinitionIdHistoryVersionIdGet)

Path parameters

- id (required)
  - Path Parameter — The resource ID default: null
- version_id (required)
  - Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

POST /ResearchElementDefinition/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource
POST /ResearchElementDefinition/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
GET /ResearchElementDefinition/{id}/$meta

( researchElementDefinitionIdMetaGet )

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /ResearchElementDefinition/{id}

(instance-patch: Patch a resource instance of type ResearchElementDefinition by ID ( researchElementDefinitionIdPatch ))

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
PUT /ResearchElementDefinition/{id}

update-instance: Update an existing ResearchElementDefinition instance, or create using a client-assigned ID (researchElementDefinitionIdPut)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ResearchElementDefinition/{id}/$validate
(researchElementDefinitionIdValidateGet)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Query parameters

resource (optional)
  Query Parameter —
mode (optional)
  Query Parameter —
profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /ResearchElementDefinition/$meta
(researchElementDefinitionMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /ResearchElementDefinition
create-type: Create a new ResearchElementDefinition instance (researchElementDefinitionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ResearchElementDefinition/$validate
(researchElementDefinitionValidateGet)
### ResearchStudy

**POST /ResearchStudy/$expunge**

(ResearchStudyExpungePost)

#### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

#### Request body

- body **object** (optional)

#### Return type

Object

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

#### Responses

200

Success **Object**

### GET /ResearchStudy

**search-type**: Search for ResearchStudy instances (ResearchStudyGet)

This is a search type

**Query parameters**

- date (optional)

**Query Parameter** — When the study began and ended
identifier (optional)
   Query Parameter — Business Identifier for study

partof (optional)
   Query Parameter — Part of larger study

sponsor (optional)
   Query Parameter — Organization that initiates and is legally responsible for the study

_lastUpdated (optional)
   Query Parameter — When the resource version last changed

_security (optional)
   Query Parameter — Security Labels applied to this resource

focus (optional)
   Query Parameter — Drugs, devices, etc. under study

principalinvestigator (optional)
   Query Parameter — Researcher who oversees multiple aspects of the study

title (optional)
   Query Parameter — Name for this study

_filter (optional)
   Query Parameter — Search the contents of the resource's data using a filter

protocol (optional)
   Query Parameter — Steps followed in executing study

site (optional)
   Query Parameter — Facility where study activities are conducted

_profile (optional)
   Query Parameter — Profiles this resource claims to conform to

_tag (optional)
   Query Parameter — Tags applied to this resource

_has (optional)
   Query Parameter — Return resources linked to by the given target

_source (optional)
   Query Parameter — Identifies where the resource comes from

location (optional)
   Query Parameter — Geographic region(s) for study

_id (optional)
   Query Parameter — Logical id of this artifact

_text (optional)
   Query Parameter — Search on the narrative of the resource

_content (optional)
   Query Parameter — Search on the entire content of the resource

category (optional)
   Query Parameter — Classifications for the study

keyword (optional)
   Query Parameter — Used to search for the study

status (optional)
   Query Parameter — active | administratively-completed | approved | closed-to-accrual | closed-to-accrual-and-intervention | completed | disapproved | in-review | temporarily-closed-to-accrual | temporarily-closed-to-accrual-and-intervention | withdrawn

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
GET /ResearchStudy/_history

type-history: Fetch the resource change history for all resources of type ResearchStudy (researchStudyHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /ResearchStudy/{id}

instance-delete: Perform a logical delete on a resource instance (researchStudyIdDelete)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ResearchStudy/{id}/$expunge
(researchStudyIdExpungePost)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ResearchStudy/{id}

read-instance: Read ResearchStudy instance (researchStudyIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ResearchStudy/{id}/_history

instance-history: Fetch the resource change history for all resources of type ResearchStudy (researchStudyIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /ResearchStudy/{id}/_history/{version_id}

vread-instance: Read ResearchStudy instance with specific version (researchStudyIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null
version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ResearchStudy/{id}/$meta-add
(researchStudyIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ResearchStudy/{id}/$meta-delete
(researchStudyIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ResearchStudy/{id}/$meta

(researchStudyIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PATCH /ResearchStudy/{id}

(instance-patch: Patch a resource instance of type ResearchStudy by ID (researchStudyIdPatch))
PUT /ResearchStudy/{id}

update-instance: Update an existing ResearchStudy instance, or create using a client-assigned ID (researchStudyIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
GET /ResearchStudy/{id}/$validate

(researchStudyIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ResearchStudy/$meta

(researchStudyMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /ResearchStudy

create-type: Create a new ResearchStudy instance (researchStudyPost)

Consumes

https://10.2.2.41/api-doc/
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /ResearchStudy/$validate

(researchStudyValidateGet)

Query parameters

- resource (optional)
  - Query Parameter
- mode (optional)
  - Query Parameter
- profile (optional)
  - Query Parameter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

ResearchSubject

POST /ResearchSubject/$expunge

(researchSubjectExpungePost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
### Request body

**body object (optional)**

*Body Parameter —*

### Return type

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses

200

Success **Object**

---

**GET /ResearchSubject**

search-type: Search for ResearchSubject instances (**researchSubjectGet**)  
This is a search type

### Query parameters

- **date (optional)**
  
  *Query Parameter — Start and end of participation*

- **identifier (optional)**
  
  *Query Parameter — Business Identifier for research subject in a study*

- **study (optional)**
  
  *Query Parameter — Study subject is part of*

- **individual (optional)**
  
  *Query Parameter — Who is part of study*

- **_lastUpdated (optional)**
  
  *Query Parameter — When the resource version last changed*

- **_security (optional)**
  
  *Query Parameter — Security Labels applied to this resource*

- **_filter (optional)**
  
  *Query Parameter — Search the contents of the resource's data using a filter*

- **_profile (optional)**
  
  *Query Parameter — Profiles this resource claims to conform to*

- **patient (optional)**
  
  *Query Parameter — Who is part of study*

- **_tag (optional)**
  
  *Query Parameter — Tags applied to this resource*

- **_has (optional)**
  
  *Query Parameter — Return resources linked to by the given target*

- **_source (optional)**
  
  *Query Parameter — Identifies where the resource comes from*

- **_id (optional)**
  
  *Query Parameter — Logical id of this artifact*

- **_text (optional)**
  
  *Query Parameter — Search on the narrative of the resource*

- **_content (optional)**
  
  *Query Parameter — Search on the entire content of the resource*

- **status (optional)**
GET /ResearchSubject/_history

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /ResearchSubject/{id}

Path parameters
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ResearchSubject/{id}$/expunge

(researchSubjectIdExpungePost)
Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
  Success Object

GET /ResearchSubject/{id}
read-instance: Read ResearchSubject instance (researchSubjectIdGet)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
  Success Object

GET /ResearchSubject/{id}/_history
instance-history: Fetch the resource change history for all resources of type ResearchSubject (researchSubjectIdHistoryGet)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ResearchSubject/{id}/_history/{version_id}

vread-instance: Read ResearchSubject instance with specific version (researchSubjectIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null
version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /ResearchSubject/{id}/$meta-add

(researchSubjectIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

### Responses

200
Success **Object**

---

**POST /ResearchSubject/{id}/$meta-delete**

(ResearchSubjectIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json

**Request body**

- **body** object (optional)
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /ResearchSubject/{id}/$meta**

(ResearchSubjectIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **return** (optional)
  
  *Query Parameter* —

**Return type**

Object
Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PATCH /ResearchSubject/{id}

instance-patch: Patch a resource instance of type ResearchSubject by ID (researchSubjectIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PUT /ResearchSubject/{id}

update-instance: Update an existing ResearchSubject instance, or create using a client-assigned ID (researchSubjectIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ResearchSubject/{id}/$validate
(researchSubjectIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ResearchSubject/$meta
(researchSubjectMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)
Query Parameter —

Return type
Object
POST /ResearchSubject

create-type: Create a new ResearchSubject instance (researchSubjectPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ResearchSubject/$validate
(researchSubjectValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
RiskAssessment

POST /RiskAssessment/$expunge

(riskAssessmentExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /RiskAssessment

search-type: Search for RiskAssessment instances (riskAssessmentGet)
This is a search type

Query parameters

- date (optional)

Multiple Resources:

- AllergyIntolerance: Date first version of the resource instance was recorded
- CarePlan: Time period plan covers
- CareTeam: Time period team covers
- ClinicalImpression: When the assessment was documented
- Composition: Composition editing time
- Consent: When this Consent was created or indexed
- DiagnosticReport: The clinically relevant time of the report
- Encounter: A date within the period the Encounter lasted
- EpisodeOfCare: The provided date search value falls within the episode of care's period
- FamilyMemberHistory: When history was recorded or last updated
- Flag: Time period when flag is active
- Immunization: Vaccination (non)-Administration Date
- List: When the list was prepared
- Observation: Obtained date/time. If the obtained element is a period, a date that falls in the period
- Procedure: When the procedure was performed
- RiskAssessment: When was assessment made?
- SupplyRequest: When the request was made
query parameter (optional)

performer (optional)

method (optional)

probability (optional)

subject (optional)

_lastUpdated (optional)

_security (optional)

encounter (optional)

Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External ids for this plan
- **CareTeam**: External ids for this team
- **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version Specific Identifier
- **Encounter**: Identifier(s) by which this encounter is known
- **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
- **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
- **MedicationDispense**: Returns dispenses with this external identifier
- **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **NutritionOrder**: Return nutrition orders with this external identifier
- **Observation**: Where was assessment performed?
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Where was assessment performed?
- **ServiceRequest**: Encounters assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier

query parameter — Who did assessment?

query parameter — Evaluation mechanism

query parameter — Likelihood of specified outcome

query parameter — Who/what does assessment apply to?

query parameter — When the resource version last changed

query parameter — Security Labels applied to this resource
**VisionPrescription**: Return prescriptions with this encounter identifier

**_filter (optional)**

*Query Parameter* — Search the contents of the resource's data using a filter

**_profile (optional)**

*Query Parameter* — Profiles this resource claims to conform to

**patient (optional)**

*Query Parameter* —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
  - **CarePlan**: Who the care plan is for
  - **CareTeam**: Who care team is for
  - **ClinicalImpression**: Patient or group assessed
  - **Composition**: Who and/or what the composition is about
  - **Condition**: Who has the condition?
  - **Consent**: Who the consent applies to
  - **DeviceRequest**: Individual the service is ordered for
  - **DeviceUseStatement**: Search by subject - a patient
  - **DiagnosticReport**: The subject of the report if a patient
  - **DocumentManifest**: The subject of the set of documents
  - **DocumentReference**: Who/what is the subject of the document
  - **Encounter**: The patient or group present at the encounter
  - **EpisodeOfCare**: The patient who is the focus of this episode of care
  - **FamilyMemberHistory**: The identity of a subject to list family member history items for
  - **Flag**: The identity of a subject to list flags for
  - **Goal**: Who this goal is intended for
  - **ImagingStudy**: Who the study is about
  - **Immunization**: The patient for the vaccination record
  - **List**: If all resources have the same subject
  - **MedicationAdministration**: The identity of a patient to list administrations for
  - **MedicationDispense**: The identity of a patient to list dispenses for
  - **MedicationRequest**: Returns prescriptions for a specific patient
  - **MedicationStatement**: Returns statements for a specific patient
  - **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
  - **Observation**: The subject that the observation is about (if patient)
  - **Procedure**: Search by subject - a patient
  - **RiskAssessment**: Who/what does assessment apply to?
  - **ServiceRequest**: Search by subject - a patient
  - **SupplyDelivery**: Patient for whom the item is supplied
  - **VisionPrescription**: The identity of a patient to list dispenses for

**_tag (optional)**

*Query Parameter* — Tags applied to this resource

**_has (optional)**

*Query Parameter* — Return resources linked to by the given target

**_source (optional)**

*Query Parameter* — Identifies where the resource comes from

**risk (optional)**

*Query Parameter* — Likelihood of specified outcome as a qualitative value

**_id (optional)**

*Query Parameter* — Logical id of this artifact

**_text (optional)**

*Query Parameter* — Search on the narrative of the resource

**_content (optional)**

*Query Parameter* — Search on the entire content of the resource
GET /RiskAssessment/_history

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /RiskAssessment/{id}

instance-delete: Perform a logical delete on a resource instance (riskAssessmentIdDelete)

Path parameters
id (required)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /RiskAssessment/{id}/$expunge

(riskAssessmentIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /RiskAssessment/{id}

read-instance: Read RiskAssessment instance (riskAssessmentIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /RiskAssessment/{id}/_history

instance-history: Fetch the resource change history for all resources of type RiskAssessment (riskAssessmentIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

GET /RiskAssessment/{id}/_history/{version_id}

vread-instance: Read RiskAssessment instance with specific version (riskAssessmentIdHistoryVersionIdGet)

Path parameters

id (required)
- Path Parameter — The resource ID default: null

version_id (required)
- Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /RiskAssessment/{id}/$meta-add

(riskAssessmentIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
- Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
- Body Parameter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /RiskAssessment/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /RiskAssessment/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
PATCH /RiskAssessment/{id}

instance-patch: Patch a resource instance of type RiskAssessment by ID (riskAssessmentIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

PUT /RiskAssessment/{id}

update-instance: Update an existing RiskAssessment instance, or create using a client-assigned ID (riskAssessmentIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object
Object

**Object**

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /RiskAssessment/{id}/$validate**

*(riskAssessmentIdValidateGet)*

**Path parameters**
- **id** (required)
  *Path Parameter* — The resource ID default: null

**Query parameters**
- **resource** (optional)
  *Query Parameter* —
- **mode** (optional)
  *Query Parameter* —
- **profile** (optional)
  *Query Parameter* —

**Return type**
**Object**

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /RiskAssessment/$meta**

*(riskAssessmentMetaGet)*

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**
- **return** (optional)
  *Query Parameter* —

**Return type**
**Object**

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
**POST /RiskAssessment**

create-type: Create a new RiskAssessment instance (**riskAssessmentPost**)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body **object** (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**GET /RiskAssessment/$validate**

(**riskAssessmentValidateGet**)

**Query parameters**

- resource (optional)
  
  Query Parameter —

- mode (optional)
  
  Query Parameter —

- profile (optional)
  
  Query Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**
RiskEvidenceSynthesis

**POST /RiskEvidenceSynthesis/$expunge**

(riskEvidenceSynthesisExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

body object (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success
Object

---

**GET /RiskEvidenceSynthesis**

search-type: Search for RiskEvidenceSynthesis instances (riskEvidenceSynthesisGet)

This is a search type

**Query parameters**

- date (optional)
  Query Parameter — The risk evidence synthesis publication date
- context-type-value (optional)
  Query Parameter — A use context type and value assigned to the risk evidence synthesis
- lastUpdated (optional)
  Query Parameter — When the resource version last changed
- jurisdiction (optional)
  Query Parameter — Intended jurisdiction for the risk evidence synthesis
- description (optional)
  Query Parameter — The description of the risk evidence synthesis
- context-type (optional)
  Query Parameter — A type of use context assigned to the risk evidence synthesis
- title (optional)
  Query Parameter — The human-friendly name of the risk evidence synthesis
- context-quantity (optional)
  Query Parameter — A quantity- or range-valued use context assigned to the risk evidence synthesis
- effective (optional)
  Query Parameter — The time during which the risk evidence synthesis is intended to be in use
- context (optional)
  Query Parameter — A use context assigned to the risk evidence synthesis
- context-type-quantity (optional)
identifier (optional)
Query Parameter — A use context type and quantity- or range-based value assigned to the risk evidence synthesis

_security (optional)
Query Parameter — Security Labels applied to this resource

version (optional)
Query Parameter — The business version of the risk evidence synthesis

url (optional)
Query Parameter — The uri that identifies the risk evidence synthesis

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter — Computationally friendly name of the risk evidence synthesis

_publisher (optional)
Query Parameter — Name of the publisher of the risk evidence synthesis

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_status (optional)
Query Parameter — The current status of the risk evidence synthesis

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

**GET /RiskEvidenceSynthesis/_history**

*type-history: Fetch the resource change history for all resources of type RiskEvidenceSynthesis (RiskEvidenceSynthesisHistoryGet)*

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

```markdown
- application/fhir+json
- application/fhir+xml
```

### Responses

#### 200 Success Object

**DELETE /RiskEvidenceSynthesis/{id}**

instance-delete: Perform a logical delete on a resource instance (riskEvidenceSynthesisIdDelete)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

```markdown
- application/fhir+json
- application/fhir+xml
```

**Responses**

#### 200 Success Object

**POST /RiskEvidenceSynthesis/{id}/$expunge**

(riskEvidenceSynthesisIdExpungePost)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

```markdown
- application/fhir+json
```

**Request body**

- **body object (optional)**
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

```markdown
- application/fhir+json
- application/fhir+xml
```

**Responses**

#### 200
## GET /RiskEvidenceSynthesis/{id}

**read-instance:** Read RiskEvidenceSynthesis instance (**riskEvidenceSynthesisIdGet**)

**Path parameters**

- **id (required)**
  
  **Path Parameter** — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the **Accept** request header; the media type will be conveyed by the **Content-Type** response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200 Success Object**

## GET /RiskEvidenceSynthesis/{id}/_history

**instance-history:** Fetch the resource change history for all resources of type RiskEvidenceSynthesis (**riskEvidenceSynthesisIdHistoryGet**)

**Path parameters**

- **id (required)**
  
  **Path Parameter** — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the **Accept** request header; the media type will be conveyed by the **Content-Type** response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200 Success Object**

## GET /RiskEvidenceSynthesis/{id}/_history/{version_id}

**vread-instance:** Read RiskEvidenceSynthesis instance with specific version (**riskEvidenceSynthesisIdHistoryVersionIdGet**)

**Path parameters**

- **id (required)**
  
  **Path Parameter** — The resource ID default: null

- **version_id (required)**
  
  **Path Parameter** — The resource version ID default: null

**Return type**

Object
**Object**

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
</tr>
</tbody>
</table>

**POST /RiskEvidenceSynthesis/{id}/$meta-add**

*(riskEvidenceSynthesisIdMetaAddPost)*

Add tags, profiles, and/or security labels to a resource

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>(required)</td>
</tr>
</tbody>
</table>

*Path Parameter — The resource ID default: null*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body *object* (optional)

**Return type**

Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
</tr>
</tbody>
</table>

**POST /RiskEvidenceSynthesis/{id}/$meta-delete**

*(riskEvidenceSynthesisIdMetaDeletePost)*

Delete tags, profiles, and/or security labels from a resource

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>(required)</td>
</tr>
</tbody>
</table>

*Path Parameter — The resource ID default: null*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**


body **object** (optional)

**Body Parameter** —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /RiskEvidenceSynthesis/{id}/$meta**

(riskEvidenceSynthesisIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id** (required)
  **Path Parameter** — The resource ID default: null

**Query parameters**

- **return** (optional)
  **Query Parameter** —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**PATCH /RiskEvidenceSynthesis/{id}**

(instance-patch: Patch a resource instance of type RiskEvidenceSynthesis by ID (riskEvidenceSynthesisIdPatch))

**Path parameters**

- **id** (required)
  **Path Parameter** — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**
**PUT /RiskEvidenceSynthesis/{id}**

update-instance: Update an existing RiskEvidenceSynthesis instance, or create using a client-assigned ID (riskEvidenceSynthesisIdPut)

**Path parameters**

- **id** (required)  
  *Path Parameter* — The resource ID default: null

**Consumes**  
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json  
- application/fhir+xml

**Request body**

- **body object** (optional)  
  *Body Parameter* —

**Return type**  
Object

**Produces**  
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json  
- application/fhir+xml

**Responses**

- **200**  
  Success **Object**

**GET /RiskEvidenceSynthesis/{id}/$validate**

(riskEvidenceSynthesisIdValidateGet)

**Path parameters**

- **id** (required)  
  *Path Parameter* — The resource ID default: null

**Query parameters**

Body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json  
- application/fhir+xml

Responses

- **200**  
  Success **Object**
GET /RiskEvidenceSynthesis/$meta
(resource: RiskEvidenceSynthesisMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /RiskEvidenceSynthesis
(create-type: Create a new RiskEvidenceSynthesis instance (riskEvidenceSynthesisPost))

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)

Return type
Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success

Object

GET /RiskEvidenceSynthesis/$validate
(riskEvidenceSynthesisValidateGet)

Query parameters
- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success

Object

Schedule

POST /Schedule/$expunge
(scheduleExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /Schedule

search-type: Search for Schedule instances (scheduleGet)
This is a search type

Query parameters

date (optional)
Query Parameter — Search for Schedule resources that have a period that contains this date specified

identifier (optional)
Query Parameter — A Schedule Identifier

specialty (optional)
Query Parameter — Type of specialty needed

service-category (optional)
Query Parameter — High-level category

_lastUpdated (optional)
Query Parameter — When the resource version last changed

service-type (optional)
Query Parameter — The type of appointments that can be booked into associated slot(s)

_security (optional)
Query Parameter — Security Labels applied to this resource

active (optional)
Query Parameter — Is the schedule in active use

_filter (optional)
Query Parameter — Search the contents of the resource’s data using a filter

actor (optional)
Query Parameter — The individual(HealthcareService, Practitioner, Location, …) to find a Schedule for

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

application/fhir+json
application/fhir+xml
**GET /Schedule/_history**

*type-history:* Fetch the resource change history for all resources of type Schedule (*scheduleHistoryGet*)

**Return type**
Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

**DELETE /Schedule/{id}**

*instance-delete:* Perform a logical delete on a resource instance (*scheduleIdDelete*)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

**POST /Schedule/{id}/$expunge**

(*scheduleIdExpungePost*)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json
Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Schedule/{id}

read-instance: Read Schedule instance (scheduleIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Schedule/{id}/_history

instance-history: Fetch the resource change history for all resources of type Schedule (scheduleIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Schedule/{id}/_history/{version_id}

vread-instance: Read Schedule instance with specific version (scheduleIdHistoryVersionIdGet)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Schedule/{id}/$meta-add

(scheduleIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /Schedule/{id}/$meta-delete

(scheduleIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /Schedule/{id}/$meta

(scheduleIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
PATCH /Schedule/{id}

instance-patch: Patch a resource instance of type Schedule by ID (scheduleIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /Schedule/{id}

update-instance: Update an existing Schedule instance, or create using a client-assigned ID (scheduleIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /Schedule/{id}/$validate

(scheduleIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Schedule/$meta

(scheduleMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /Schedule

create-type: Create a new Schedule instance (schedulePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Schedule/$validate
(scheduleValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

SearchParameter

POST /SearchParameter/$expunge
(searchParameterExpungePost)
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body object (optional)**

**Return type**

- **Object**

** Produces **

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
<th>Media Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success</td>
<td>Object</td>
</tr>
</tbody>
</table>

**GET /SearchParameter**

search-type: Search for SearchParameter instances (**searchParameterGet**)

This is a search type

**Query parameters**

**date (optional)**

- **Query Parameter** —

**Multiple Resources:**

- **CapabilityStatement**: The capability statement publication date
- **CodeSystem**: The code system publication date
- **CompartmentDefinition**: The compartment definition publication date
- **ConceptMap**: The concept map publication date
- **GraphDefinition**: The graph definition publication date
- **ImplementationGuide**: The implementation guide publication date
- **MessageDefinition**: The message definition publication date
- **NamingSystem**: The naming system publication date
- **OperationDefinition**: The operation definition publication date
- **SearchParameter**: The search parameter publication date
- **StructureDefinition**: The structure definition publication date
- **StructureMap**: The structure map publication date
- **TerminologyCapabilities**: The terminology capabilities publication date
- **ValueSet**: The value set publication date

**code (optional)**

- **Query Parameter** — Code used in URL

**context-type-value (optional)**

- **Query Parameter** —

**Multiple Resources:**

- **CapabilityStatement**: A use context type and value assigned to the capability statement
- **CodeSystem**: A use context type and value assigned to the code system
- **CompartmentDefinition**: A use context type and value assigned to the compartment definition
- **ConceptMap**: A use context type and value assigned to the concept map
- **GraphDefinition**: A use context type and value assigned to the graph definition
- **ImplementationGuide**: A use context type and value assigned to the implementation guide
- **MessageDefinition**: A use context type and value assigned to the message definition
NamingSystem: A use context type and value assigned to the naming system
- OperationDefinition: A use context type and value assigned to the operation definition
- StructureMap: A use context type and value assigned to the structure map
- TerminologyCapabilities: A use context type and value assigned to the terminology capabilities
- ValueSet: A use context type and value assigned to the value set

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: Intended jurisdiction for the capability statement
- CodeSystem: Intended jurisdiction for the code system
- ConceptMap: Intended jurisdiction for the concept map
- GraphDefinition: Intended jurisdiction for the graph definition
- ImplementationGuide: Intended jurisdiction for the implementation guide
- MessageDefinition: Intended jurisdiction for the message definition
- NamingSystem: Intended jurisdiction for the naming system
- OperationDefinition: Intended jurisdiction for the operation definition
- SearchParameter: Intended jurisdiction for the search parameter
- StructureDefinition: Intended jurisdiction for the structure definition
- StructureMap: Intended jurisdiction for the structure map
- TerminologyCapabilities: Intended jurisdiction for the terminology capabilities
- ValueSet: Intended jurisdiction for the value set

description (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: The description of the capability statement
- CodeSystem: The description of the code system
- CompartmentDefinition: The description of the compartment definition
- ConceptMap: The description of the concept map
- GraphDefinition: The description of the graph definition
- ImplementationGuide: The description of the implementation guide
- MessageDefinition: The description of the message definition
- NamingSystem: The description of the naming system
- OperationDefinition: The description of the operation definition
- SearchParameter: The description of the search parameter
- StructureDefinition: The description of the structure definition
- StructureMap: The description of the structure map
- TerminologyCapabilities: The description of the terminology capabilities
- ValueSet: The description of the value set

derived-from (optional)
Query Parameter — Original definition for the search parameter

context-type (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: A type of use context assigned to the capability statement
- CodeSystem: A type of use context assigned to the code system
- CompartmentDefinition: A type of use context assigned to the compartment definition
-ConceptMap: A type of use context assigned to the concept map
- GraphDefinition: A type of use context assigned to the graph definition
- ImplementationGuide: A type of use context assigned to the implementation guide
- MessageDefinition: A type of use context assigned to the message definition
- NamingSystem: A type of use context assigned to the naming system
- OperationDefinition: A type of use context assigned to the operation definition
- SearchParameter: A type of use context assigned to the search parameter
- StructureDefinition: A type of use context assigned to the structure definition
structuremap: A type or use context assigned to the structure map
  - TerminologyCapabilities: A type of use context assigned to the terminology capabilities
  - ValueSet: A type of use context assigned to the value set

type (optional)
  Query Parameter — number | date | string | token | reference | composite | quantity | uri | special

context-quantity (optional)
  Query Parameter —

Multiple Resources:
  - CapabilityStatement: A quantity- or range-valued use context assigned to the capability statement
  - CodeSystem: A quantity- or range-valued use context assigned to the code system
  - CompartmentDefinition: A quantity- or range-valued use context assigned to the compartment definition
  - ConceptMap: A quantity- or range-valued use context assigned to the concept map
  - GraphDefinition: A quantity- or range-valued use context assigned to the graph definition
  - ImplementationGuide: A quantity- or range-valued use context assigned to the implementation guide
  - MessageDefinition: A quantity- or range-valued use context assigned to the message definition
  - NamingSystem: A quantity- or range-valued use context assigned to the naming system
  - OperationDefinition: A quantity- or range-valued use context assigned to the operation definition
  - SearchParameter: A quantity- or range-valued use context assigned to the search parameter
  - StructureDefinition: A quantity- or range-valued use context assigned to the structure definition
  - StructureMap: A quantity- or range-valued use context assigned to the structure map
  - TerminologyCapabilities: A quantity- or range-valued use context assigned to the terminology capabilities
  - ValueSet: A quantity- or range-valued use context assigned to the value set

context (optional)
  Query Parameter —

Multiple Resources:
  - CapabilityStatement: A use context assigned to the capability statement
  - CodeSystem: A use context assigned to the code system
  - CompartmentDefinition: A use context assigned to the compartment definition
  - ConceptMap: A use context assigned to the concept map
  - GraphDefinition: A use context assigned to the graph definition
  - ImplementationGuide: A use context assigned to the implementation guide
  - MessageDefinition: A use context assigned to the message definition
  - NamingSystem: A use context assigned to the naming system
  - OperationDefinition: A use context assigned to the operation definition
  - SearchParameter: A use context assigned to the search parameter
  - StructureDefinition: A use context assigned to the structure definition
  - StructureMap: A use context assigned to the structure map
  - TerminologyCapabilities: A use context assigned to the terminology capabilities
  - ValueSet: A use context assigned to the value set

context-type-quantity (optional)
  Query Parameter —

Multiple Resources:
  - CapabilityStatement: A use context type and quantity- or range-based value assigned to the capability statement
  - CodeSystem: A use context type and quantity- or range-based value assigned to the code system
  - CompartmentDefinition: A use context type and quantity- or range-based value assigned to the compartment definition
  - ConceptMap: A use context type and quantity- or range-based value assigned to the concept map
  - GraphDefinition: A use context type and quantity- or range-based value assigned to the graph definition
  - ImplementationGuide: A use context type and quantity- or range-based value assigned to the implementation guide
  - MessageDefinition: A use context type and quantity- or range-based value assigned to the message definition
Nomenclature: A use context type and quantity- or range-based value assigned to the naming system
- **OperationDefinition**: A use context type and quantity- or range-based value assigned to the operation definition
- **SearchParameter**: A use context type and quantity- or range-based value assigned to the search parameter
- **StructureDefinition**: A use context type and quantity- or range-based value assigned to the structure definition
- **StructureMap**: A use context type and quantity- or range-based value assigned to the structure map
- **TerminologyCapabilities**: A use context type and quantity- or range-based value assigned to the terminology capabilities
- **ValueSet**: A use context type and quantity- or range-based value assigned to the value set

**security (optional)**

Query Parameter — Security Labels applied to this resource

**version (optional)**

Query Parameter —

Multiple Resources:
- **CapabilityStatement**: The business version of the capability statement
  - **CodeSystem**: The business version of the code system
  - **CompartmentDefinition**: The business version of the compartment definition
- **ConceptMap**: The business version of the concept map
- **GraphDefinition**: The business version of the graph definition
  - **ImplementationGuide**: The business version of the implementation guide
  - **MessageDefinition**: The business version of the message definition
- **OperationDefinition**: The business version of the operation definition
  - **SearchParameter**: The business version of the search parameter
  - **StructureDefinition**: The business version of the structure definition
  - **StructureMap**: The business version of the structure map
  - **TerminologyCapabilities**: The business version of the terminology capabilities
  - **ValueSet**: The business version of the value set

**url (optional)**

Query Parameter —

Multiple Resources:
- **CapabilityStatement**: The uri that identifies the capability statement
  - **CodeSystem**: The uri that identifies the code system
  - **CompartmentDefinition**: The uri that identifies the compartment definition
  - **ConceptMap**: The uri that identifies the concept map
  - **GraphDefinition**: The uri that identifies the graph definition
  - **ImplementationGuide**: The uri that identifies the implementation guide
  - **MessageDefinition**: The uri that identifies the message definition
  - **OperationDefinition**: The uri that identifies the operation definition
  - **SearchParameter**: The uri that identifies the search parameter
  - **StructureDefinition**: The uri that identifies the structure definition
  - **StructureMap**: The uri that identifies the structure map
  - **TerminologyCapabilities**: The uri that identifies the terminology capabilities
  - **ValueSet**: The uri that identifies the value set

**target (optional)**

Query Parameter — Types of resource (if a resource reference)

**_filter (optional)**

Query Parameter — Search the contents of the resource's data using a filter

**component (optional)**

Query Parameter — Defines how the part works

**_profile (optional)**

Query Parameter — Defines how the part works

**_tag (optional)**

Query Parameter — Tags applied to this resource

**_has (optional)**
**name (optional)**

*Query Parameter* — return resources linked to by the given target

**Multiple Resources:**

- **CapabilityStatement**: Computationally friendly name of the capability statement
- **CodeSystem**: Computationally friendly name of the code system
- **CompartmentDefinition**: Computationally friendly name of the compartment definition
- **ConceptMap**: Computationally friendly name of the concept map
- **GraphDefinition**: Computationally friendly name of the graph definition
- **ImplementationGuide**: Computationally friendly name of the implementation guide
- **MessageDefinition**: Computationally friendly name of the message definition
- **NamingSystem**: Computationally friendly name of the naming system
- **OperationDefinition**: Computationally friendly name of the operation definition
- **SearchParameter**: Computationally friendly name of the search parameter
- **StructureDefinition**: Computationally friendly name of the structure definition
- **StructureMap**: Computationally friendly name of the structure map
- **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
- **ValueSet**: Computationally friendly name of the value set

**publisher (optional)**

*Query Parameter* —

**Multiple Resources:**

- **CapabilityStatement**: Name of the publisher of the capability statement
- **CodeSystem**: Name of the publisher of the code system
- **CompartmentDefinition**: Name of the publisher of the compartment definition
- **ConceptMap**: Name of the publisher of the concept map
- **GraphDefinition**: Name of the publisher of the graph definition
- **ImplementationGuide**: Name of the publisher of the implementation guide
- **MessageDefinition**: Name of the publisher of the message definition
- **NamingSystem**: Name of the publisher of the naming system
- **OperationDefinition**: Name of the publisher of the operation definition
- **SearchParameter**: Name of the publisher of the search parameter
- **StructureDefinition**: Name of the publisher of the structure definition
- **StructureMap**: Name of the publisher of the structure map
- **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
- **ValueSet**: Name of the publisher of the value set

**_source (optional)**

*Query Parameter* — Identifies where the resource comes from

**_id (optional)**

*Query Parameter* — Logical id of this artifact

**_text (optional)**

*Query Parameter* — Search on the narrative of the resource

**_content (optional)**

*Query Parameter* — Search on the entire content of the resource

**status (optional)**

*Query Parameter* —

**Multiple Resources:**

- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
- **SearchParameter**: The current status of the search parameter
- **StructureDefinition**: The current status of the structure definition
StructureMap: The current status of the structure map
  - TerminationCapabilities: The current status of the terminology capabilities
  - ValueSet: The current status of the value set

base (optional)
Query Parameter — The resource type(s) this search parameter applies to

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

GET /SearchParameter/_history

type-history: Fetch the resource change history for all resources of type SearchParameter (searchParameterHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

DELETE /SearchParameter/{id}

instance-delete: Perform a logical delete on a resource instance (searchParameterIdDelete)

Path parameters

  - id (required)
    Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object
POST /SearchParameter/{id}/$expunge

(searchParameterIdExpungePost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /SearchParameter/{id}

(read-instance: Read SearchParameter instance (searchParameterIdGet))

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /SearchParameter/{id}/_history

(instance-history: Fetch the resource change history for all resources of type SearchParameter (searchParameterIdHistoryGet))

Path parameters
GET /SearchParameter/{id}/_history/{version_id}

vread-instance: Read SearchParameter instance with specific version (searchParameterIdHistoryVersionIdGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

- version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /SearchParameter/{id}$/meta-add

(searchParameterIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —
POST /SearchParameter/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters
  id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

  - application/fhir+json

Request body
  body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  - application/fhir+json
  - application/fhir+xml

Responses

GET /SearchParameter/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
  id (required)
  Path Parameter — The resource ID default: null

Query parameters
  return (optional)
  Query Parameter —
**Return type**

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**PATCH /SearchParameter/{id}**

*instance-patch: Patch a resource instance of type SearchParameter by ID (searchParameterIdPatch)*

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body **object** (optional)
  
  *Body Parameter* —

---

**Return type**

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**PUT /SearchParameter/{id}**

*update-instance: Update an existing SearchParameter instance, or create using a client-assigned ID (searchParameterIdPut)*

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
**GET /SearchParameter/{id}/$validate**

(searchParameterIdValidateGet)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **resource (optional)**
  
  *Query Parameter* —

- **mode (optional)**
  
  *Query Parameter* —

- **profile (optional)**
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success *Object*

---

**GET /SearchParameter/$meta**

(searchParameterMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- **return (optional)**
  
  *Query Parameter* —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /SearchParameter

create-type: Create a new SearchParameter instance (searchParameterPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

GET /SearchParameter/$validate

(searchParameterValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
ServiceRequest

**POST /ServiceRequest/$expunge**

(serviceRequestExpungePost)

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

**GET /ServiceRequest**

search-type: Search for ServiceRequest instances (serviceRequestGet)

This is a search type

**Query parameters**

- authored (optional)
- code (optional)

Multiple Resources:

- **AllergyIntolerance**: Code that identifies the allergy or intolerance
- **Condition**: Code for the condition
- **DeviceRequest**: Code for what is being requested/ordered
- **DiagnosticReport**: The code for the report; as opposed to codes for the atomic results, which are the names on the observation resource referred to from the result
- **FamilyMemberHistory**: A search by a condition code
- **List**: What the purpose of this list is
- **Medication**: Returns medications for a specific code
- **MedicationAdministration**: Return administrations of this medication code
- **MedicationDispense**: Returns dispenses of this medicine code
- **MedicationRequest**: Return prescriptions of this medication code
- **MedicationStatement**: Return statements of this medication code
**Observation**: The code of the observation type
- **Procedure**: A code to identify a procedure
- **ServiceRequest**: What is being requested/ordered

**requisition (optional)**
*Query Parameter* — Composite Request ID

**subject (optional)**
*Query Parameter* — Search by subject

**_lastUpdated (optional)**
*Query Parameter* — When the resource version last changed

**occurrence (optional)**
*Query Parameter* — When service should occur

**based-on (optional)**
*Query Parameter* — What request fulfills

**patient (optional)**
*Query Parameter* —

**Multiple Resources:**

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentReference**: The subject of the set of documents
- **DocumentManifest**: The subject of the set of documents
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient.
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

**specimen (optional)**
*Query Parameter* — Specimen to be tested

**instantiates-uri (optional)**
*Query Parameter* — Instantiates external protocol or definition

**requester (optional)**
*Query Parameter* — Who/what is requesting service

**identifier (optional)**
*Query Parameter* —

**Multiple Resources:**
performer (optional)
Query Parameter — Requested performer

replaces (optional)
Query Parameter — What request replaces

_security (optional)
Query Parameter — Security Labels applied to this resource

instantiates-canonical (optional)
Query Parameter — Instantiates FHIR protocol or definition

encounter (optional)
Query Parameter —

Multiple Resources:

Composition: Context of the Composition
DeviceRequest: Encounter during which request was created
DiagnosticReport: The Encounter when the order was made
DocumentReference: Context of the document content
Flag: Alert relevant during encounter
List: Context in which list created
NutritionOrder: Return nutrition orders with this encounter identifier
Observation: Encounter related to the observation
Procedure: Encounter created as part of
RiskAssessment: Where was assessment performed?
ServiceRequest: An encounter in which this request is made
VisionPrescription: Return prescriptions with this encounter identifier

priority (optional)
Query Parameter — routine | urgent | asap | stat

intent (optional)
Query Parameter — proposal | plan | directive | order | original-order | reflex-order | filler-order | instance-order | option

performer-type (optional)
Query Parameter — Performer role
null
Path parameters
- id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ServiceRequest/{id}/$expunge

(serviceRequestIdExpungePost)

Path parameters
- id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ServiceRequest/{id}

read-instance: Read ServiceRequest instance (serviceRequestIdGET)

Path parameters
- id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

GET /ServiceRequest/{id}/_history

instance-history: Fetch the resource change history for all resources of type ServiceRequest (*serviceRequestIdHistoryGet*)

Path parameters

- `id` (required)
  *Path Parameter* — The resource ID default: null

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

GET /ServiceRequest/{id}/_history/{version_id}

vread-instance: Read ServiceRequest instance with specific version (*serviceRequestIdHistoryVersionIdGet*)

Path parameters

- `id` (required)
  *Path Parameter* — The resource ID default: null

- `version_id` (required)
  *Path Parameter* — The resource version ID default: null

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**
POST /ServiceRequest/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters
- id (required)
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body **object** (optional)
  *

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

POST /ServiceRequest/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters
- id (required)
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
- body **object** (optional)
  *

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /ServiceRequest/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
- id (required)
  
Query parameters
- return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /ServiceRequest/{id}

instance-patch: Patch a resource instance of type ServiceRequest by ID (serviceRequestIdPatch)

Path parameters
- id (required)
  
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
  
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
**PUT /ServiceRequest/{id}**

update-instance: Update an existing ServiceRequest instance, or create using a client-assigned ID (serviceRequestIdPut)

**Path parameters**
- **id** (required)
  - Path Parameter — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

**Request body**
- body **object** (optional)
  - Body Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

**GET /ServiceRequest/{id}/$validate**
(serviceRequestIdValidateGet)

**Path parameters**
- **id** (required)
  - Path Parameter — The resource ID default: null

**Query parameters**
- **resource** (optional)
  - Query Parameter —
- **mode** (optional)
  - Query Parameter —
- **profile** (optional)
  - Query Parameter —

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /ServiceRequest/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /ServiceRequest

create-type: Create a new ServiceRequest instance (serviceRequestPost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
Query parameters

- resource (optional)
  - Query Parameter
- mode (optional)
  - Query Parameter
- profile (optional)
  - Query Parameter

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

Slot

POST /Slot/$expunge
(slotExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Slot
(slotGet)

This is a search type

Query parameters
identifier (optional)
Query Parameter — A Slot Identifier

specialty (optional)
Query Parameter — The specialty of a practitioner that would be required to perform the service requested in this appointment

service-category (optional)
Query Parameter — A broad categorization of the service that is to be performed during this appointment

appointment-type (optional)
Query Parameter — The style of appointment or patient that may be booked in the slot (not service type)

_lastUpdated (optional)
Query Parameter — When the resource version last changed

service-type (optional)
Query Parameter — The type of appointments that can be booked into the slot

_security (optional)
Query Parameter — Security Labels applied to this resource

start (optional)
Query Parameter — Appointment date/time.

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

schedule (optional)
Query Parameter — The Schedule Resource that we are seeking a slot within

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_status (optional)
Query Parameter — The free/busy status of the appointment

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

GET /Slot/_history
type-history: Fetch the resource change history for all resources of type Slot (slotHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Slot/{id}
instance-delete: Perform a logical delete on a resource instance (slotIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Slot/{id}$/expunge
(slotIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /Slot/{id}  
read-instance: Read Slot instance (slotIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Slot/{id}/_history  
instance-history: Fetch the resource change history for all resources of type Slot (slotIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Slot/{id}/_history/{version_id}  
vread-instance: Read Slot instance with specific version (slotIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null
version_id (required)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Slot/{id}/$meta-add
(slotIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Slot/{id}/$meta-delete
(slotIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Slot/{id}/$meta

(slotIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Slot/{id}

(instance-patch: Patch a resource instance of type Slot by ID (slotIdPatch))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
PUT /Slot/{id}

update-instance: Update an existing Slot instance, or create using a client-assigned ID (slotIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Slot/{id}/$validate
(slotIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null
**GET /Slot/$meta**  
(slotMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- **return (optional)**
  
**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

**POST /Slot**

create-type: Create a new Slot instance (slotPost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body **object** (optional)
GET /Slot/$validate
(slotValidateGet)

Query parameters
  - resource (optional)
  - mode (optional)
  - profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

Specimen

POST /Specimen/$expunge
(specimenExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
  - body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success

GET /Specimen

search-type: Search for Specimen instances (specimenGet)

This is a search type

Query parameters

- container (optional)
  Query Parameter — The kind of specimen container

- container-id (optional)
  Query Parameter — The unique identifier associated with the specimen container

- identifier (optional)
  Query Parameter — The unique identifier associated with the specimen

- parent (optional)
  Query Parameter — The parent of the specimen

- bodysite (optional)
  QueryParameter — The code for the body site from where the specimen originated

- subject (optional)
  Query Parameter — The subject of the specimen

- _lastUpdated (optional)
  Query Parameter — When the resource version last changed

- _security (optional)
  Query Parameter — Security Labels applied to this resource

- collected (optional)
  Query Parameter — The date the specimen was collected

- accession (optional)
  Query Parameter — The accession number associated with the specimen

- type (optional)
  Query Parameter — The specimen type

- collector (optional)
  Query Parameter — Who collected the specimen

- _filter (optional)
  Query Parameter — Search the contents of the resource’s data using a filter

- _profile (optional)
  Query Parameter — Profiles this resource claims to conform to

- patient (optional)
  Query Parameter — The patient the specimen comes from

- _tag (optional)
  Query Parameter — Tags applied to this resource

- _has (optional)
  Query Parameter — Return resources linked to by the given target

- _source (optional)
  Query Parameter — Identifies where the resource comes from

- _id (optional)
  Query Parameter — Logical id of this artifact
### GET `/Specimen/_history`

**type-history**: Fetch the resource change history for all resources of type Specimen (specimenHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200  
Success [Object](#)

### DELETE `/Specimen/{id}`

**instance-delete**: Perform a logical delete on a resource instance (specimenIdDelete)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200  
Success [Object](#)
POST /Specimen/{id}/$expunge
(specimenIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Specimen/{id}
(read-instance: Read Specimen instance (specimenIdGet))

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Specimen/{id}/_history
(instance-history: Fetch the resource change history for all resources of type Specimen (specimenIdHistoryGet))

Path parameters

id (required)
GET /Specimen/{id}/_history/{version_id}

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Specimen/{id}/$meta-add

(specimenIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —
POST /Specimen/{id}/$meta-delete

(specimenIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
  *body object* (optional)
  *Body Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success *Object*

GET /Specimen/{id}/$meta

(specimenIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
  *Path Parameter* — The resource ID default: null

Query parameters
return (optional)
  *Query Parameter* —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Specimen/{id}

instance-patch: Patch a resource instance of type Specimen by ID (specimenIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

PUT /Specimen/{id}

update-instance: Update an existing Specimen instance, or create using a client-assigned ID (specimenIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Specimen/{id}$/validate
(specimenIdValidateGet)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Query parameters
resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Specimen/$meta
(specimenMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)

Query Parameter —
POST /Specimen

create-type: Create a new Specimen instance (specimenPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Specimen/$validate

(specimenValidateGet)

Query parameters

resource (optional)
Query Parameter

mode (optional)
Query Parameter

profile (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
SpecimenDefinition

POST /SpecimenDefinition/$expunge

(specimenDefinitionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SpecimenDefinition

search-type: Search for SpecimenDefinition instances (specimenDefinitionGet)

This is a search type

Query parameters

- container (optional)
  Query Parameter — The type of specimen conditioned in container expected by the lab

- identifier (optional)
  Query Parameter — The unique identifier associated with the specimen

- _lastUpdated (optional)
  Query Parameter — When the resource version last changed

- _security (optional)
  Query Parameter — Security Labels applied to this resource

- type (optional)
  Query Parameter — The type of collected specimen

- _filter (optional)
  Query Parameter — Search the contents of the resource's data using a filter

- _profile (optional)
  Query Parameter — Profiles this resource claims to conform to

- _tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SpecimenDefinition/_history

type-history: Fetch the resource change history for all resources of type SpecimenDefinition (specimenDefinitionHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /SpecimenDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (specimenDefinitionIdDelete)

Path parameters

_id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
POST /SpecimenDefinition/{id}/$expunge
(specimenDefinitionIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /SpecimenDefinition/{id}
read-instance: Read SpecimenDefinition instance (specimenDefinitionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
GET /SpecimenDefinition/{id}/_history

Instance-history: Fetch the resource change history for all resources of type SpecimenDefinition (specimenDefinitionIdHistoryGet)

Path parameters

id (required)
    Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /SpecimenDefinition/{id}/_history/{version_id}

vread-instance: Read SpecimenDefinition instance with specific version (specimenDefinitionIdHistoryVersionIdGet)

Path parameters

id (required)
    Path Parameter — The resource ID default: null

version_id (required)
    Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /SpecimenDefinition/{id}/$meta-add

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
    Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:
POST /SpecimenDefinition/{id}/$meta-delete

(specimenDefinitionIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consume
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /SpecimenDefinition/{id}/$meta

(specimenDefinitionIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Query parameters

   return (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

   application/fhir+json
   application/fhir+xml

Responses
200
Success Object

PATCH /SpecimenDefinition/{id}

instance-patch: Patch a resource instance of type SpecimenDefinition by ID (specimenDefinitionIdPatch)

Path parameters

   id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

   application/fhir+json
   application/fhir+xml

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

   application/fhir+json
   application/fhir+xml

Responses
200
Success Object

PUT /SpecimenDefinition/{id}

update-instance: Update an existing SpecimenDefinition instance, or create using a client-assigned ID (specimenDefinitionIdPut)

Path parameters

   id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SpecimenDefinition/{id}/$validate
(specimenDefinitionIdValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SpecimenDefinition/$meta
(specimenDefinitionMetaGet)
Query parameters

return (optional)

Query Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /SpecimenDefinition
create-type: Create a new SpecimenDefinition instance (specimenDefinitionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SpecimenDefinition/$validate
(specimenDefinitionValidateGet)

Query parameters

resource (optional)

Query Parameter –

mode (optional)

Query Parameter –

profile (optional)

Query Parameter –
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

StructureDefinition

POST /StructureDefinition/$expunge
(structureDefinitionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /StructureDefinition
(structureDefinitionGet)

search-type: Search for StructureDefinition instances

This is a search type

Query parameters

date (optional)
Query Parameter

Multiple Resources:

- **CapabilityStatement**: The capability statement publication date
- **CodeSystem**: The code system publication date
- **CompartmentDefinition**: The compartment definition publication date
- **ConceptMap**: The concept map publication date
- **GraphDefinition**: The graph definition publication date
- **ImplementationGuide**: The implementation guide publication date
- **MessageDefinition**: The message definition publication date
- **NamingSystem**: The naming system publication date

https://10.2.2.41/api-doc/
OperationDefinition: The operation definition publication date
SearchParameter: The search parameter publication date
StructureDefinition: The structure definition publication date
StructureMap: The structure map publication date
TerminologyCapabilities: The terminology capabilities publication date
ValueSet: The value set publication date

context-type-value (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: A use context type and value assigned to the capability statement
- CodeSystem: A use context type and value assigned to the code system
- ConceptMap: A use context type and value assigned to the concept map
- GraphDefinition: A use context type and value assigned to the graph definition
- ImplementationGuide: A use context type and value assigned to the implementation guide
- MessageDefinition: A use context type and value assigned to the message definition
- NamingSystem: A use context type and value assigned to the naming system
- OperationDefinition: A use context type and value assigned to the operation definition
- SearchParameter: A use context type and value assigned to the search parameter
- StructureDefinition: A use context type and value assigned to the structure definition
- StructureMap: A use context type and value assigned to the structure map
- TerminologyCapabilities: A use context type and value assigned to the terminology capabilities
- ValueSet: A use context type and value assigned to the value set

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: Intended jurisdiction for the capability statement
- CodeSystem: Intended jurisdiction for the code system
- ConceptMap: Intended jurisdiction for the concept map
- GraphDefinition: Intended jurisdiction for the graph definition
- ImplementationGuide: Intended jurisdiction for the implementation guide
- MessageDefinition: Intended jurisdiction for the message definition
- NamingSystem: Intended jurisdiction for the naming system
- OperationDefinition: Intended jurisdiction for the operation definition
- SearchParameter: Intended jurisdiction for the search parameter
- StructureDefinition: Intended jurisdiction for the structure definition
- StructureMap: Intended jurisdiction for the structure map
- TerminologyCapabilities: Intended jurisdiction for the terminology capabilities
- ValueSet: Intended jurisdiction for the value set

description (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: The description of the capability statement
- CodeSystem: The description of the code system
- ConceptMap: The description of the concept map
- GraphDefinition: The description of the graph definition
- ImplementationGuide: The description of the implementation guide
- MessageDefinition: The description of the message definition
- NamingSystem: The description of the naming system
- OperationDefinition: The description of the operation definition
- SearchParameter: The description of the search parameter
- StructureDefinition: The description of the structure definition
- StructureMap: The description of the structure map
- TerminologyCapabilities: The description of the terminology capabilities
- ValueSet: The description of the value set
context-type (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: A type of use context assigned to the capability statement
- **CodeSystem**: A type of use context assigned to the code system
- **CompartmentDefinition**: A type of use context assigned to the compartment definition
- **ConceptMap**: A type of use context assigned to the concept map
- **GraphDefinition**: A type of use context assigned to the graph definition
- **ImplementationGuide**: A type of use context assigned to the implementation guide
- **MessageDefinition**: A type of use context assigned to the message definition
- **NamingSystem**: A type of use context assigned to the naming system
- **OperationDefinition**: A type of use context assigned to the operation definition
- **SearchParameter**: A type of use context assigned to the search parameter
- **StructureDefinition**: A type of use context assigned to the structure definition
- **StructureMap**: A type of use context assigned to the structure map
- **TerminologyCapabilities**: A type of use context assigned to the terminology capabilities
- **ValueSet**: A type of use context assigned to the value set

experimental (optional)
Query Parameter — For testing purposes, not real usage

title (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: The human-friendly name of the capability statement
- **CodeSystem**: The human-friendly name of the code system
- **ConceptMap**: The human-friendly name of the concept map
- **ImplementationGuide**: The human-friendly name of the implementation guide
- **MessageDefinition**: The human-friendly name of the message definition
- **OperationDefinition**: The human-friendly name of the operation definition
- **StructureDefinition**: The human-friendly name of the structure definition
- **StructureMap**: The human-friendly name of the structure map
- **TerminologyCapabilities**: The human-friendly name of the terminology capabilities
- **ValueSet**: The human-friendly name of the value set

type (optional)
Query Parameter — Type defined or constrained by this structure

context-quantity (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: A quantity- or range-valued use context assigned to the capability statement
- **CodeSystem**: A quantity- or range-valued use context assigned to the code system
- **CompartmentDefinition**: A quantity- or range-valued use context assigned to the compartment definition
- **ConceptMap**: A quantity- or range-valued use context assigned to the concept map
- **GraphDefinition**: A quantity- or range-valued use context assigned to the graph definition
- **ImplementationGuide**: A quantity- or range-valued use context assigned to the implementation guide
- **MessageDefinition**: A quantity- or range-valued use context assigned to the message definition
- **NamingSystem**: A quantity- or range-valued use context assigned to the naming system
- **OperationDefinition**: A quantity- or range-valued use context assigned to the operation definition
- **SearchParameter**: A quantity- or range-valued use context assigned to the search parameter
- **StructureDefinition**: A quantity- or range-valued use context assigned to the structure definition
- **StructureMap**: A quantity- or range-valued use context assigned to the structure map
- **TerminologyCapabilities**: A quantity- or range-valued use context assigned to the terminology capabilities
- **ValueSet**: A quantity- or range-valued use context assigned to the value set

path (optional)
Query Parameter — A path that is constrained in the StructureDefinition
context (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A use context assigned to the capability statement
- **CodeSystem**: A use context assigned to the code system
- **CompartmentDefinition**: A use context assigned to the compartment definition
- **ConceptMap**: A use context assigned to the concept map
- **GraphDefinition**: A use context assigned to the graph definition
- **ImplementationGuide**: A use context assigned to the implementation guide
- **MessageDefinition**: A use context assigned to the message definition
- **NamingSystem**: A use context assigned to the naming system
- **OperationDefinition**: A use context assigned to the operation definition
- **SearchParameter**: A use context assigned to the search parameter
- **StructureDefinition**: A use context assigned to the structure definition
- **StructureMap**: A use context assigned to the structure map
- **TerminologyCapabilities**: A use context assigned to the terminology capabilities
- **ValueSet**: A use context assigned to the value set

base-path (optional)
Query Parameter — Path that identifies the base element

keyword (optional)
Query Parameter — A code for the StructureDefinition

costext-type-quantity (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: A use context type and quantity- or range-based value assigned to the capability statement
- **CodeSystem**: A use context type and quantity- or range-based value assigned to the code system
- **CompartmentDefinition**: A use context type and quantity- or range-based value assigned to the compartment definition
- **ConceptMap**: A use context type and quantity- or range-based value assigned to the concept map
- **GraphDefinition**: A use context type and quantity- or range-based value assigned to the graph definition
- **ImplementationGuide**: A use context type and quantity- or range-based value assigned to the implementation guide
- **MessageDefinition**: A use context type and quantity- or range-based value assigned to the message definition
- **NamingSystem**: A use context type and quantity- or range-based value assigned to the naming system
- **OperationDefinition**: A use context type and quantity- or range-based value assigned to the operation definition
- **SearchParameter**: A use context type and quantity- or range-based value assigned to the search parameter
- **StructureDefinition**: A use context type and quantity- or range-based value assigned to the structure definition
- **StructureMap**: A use context type and quantity- or range-based value assigned to the structure map
- **TerminologyCapabilities**: A use context type and quantity- or range-based value assigned to the terminology capabilities
- **ValueSet**: A use context type and quantity- or range-based value assigned to the value set

identifier (optional)
Query Parameter —

Multiple Resources:

- **CodeSystem**: External identifier for the code system
- **ConceptMap**: External identifier for the concept map
- **MessageDefinition**: External identifier for the message definition
- **StructureDefinition**: External identifier for the structure definition
- **StructureMap**: External identifier for the structure map
- **ValueSet**: External identifier for the value set

https://10.2.2.41/api-doc/
valueset (optional)
Query Parameter — A vocabulary binding reference

kind (optional)
Query Parameter — primitive-type | complex-type | resource | logical

_security (optional)
Query Parameter — Security Labels applied to this resource

abstract (optional)
Query Parameter — Whether the structure is abstract

test (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: The business version of the capability statement
- **CodeSystem**: The business version of the code system
- **CompartmentDefinition**: The business version of the compartment definition
- **ConceptMap**: The business version of the concept map
- **GraphDefinition**: The business version of the graph definition
- **ImplementationGuide**: The business version of the implementation guide
- **MessageDefinition**: The business version of the message definition
- **OperationDefinition**: The business version of the operation definition
- **SearchParameter**: The business version of the search parameter
- **StructureDefinition**: The business version of the structure definition
- **StructureMap**: The business version of the structure map
- **TerminologyCapabilities**: The business version of the terminology capabilities
- **ValueSet**: The business version of the value set

url (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: The uri that identifies the capability statement
- **CodeSystem**: The uri that identifies the code system
- **CompartmentDefinition**: The uri that identifies the compartment definition
- **ConceptMap**: The uri that identifies the concept map
- **GraphDefinition**: The uri that identifies the graph definition
- **ImplementationGuide**: The uri that identifies the implementation guide
- **MessageDefinition**: The uri that identifies the message definition
- **OperationDefinition**: The uri that identifies the operation definition
- **SearchParameter**: The uri that identifies the search parameter
- **StructureDefinition**: The uri that identifies the structure definition
- **StructureMap**: The uri that identifies the structure map
- **TerminologyCapabilities**: The uri that identifies the terminology capabilities
- **ValueSet**: The uri that identifies the value set

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

ext-context (optional)
Query Parameter — The system is the URL for the context-type: e.g. http://hl7.org/fhir/extension-context-type#element | CodeableConcept.text

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter —
publisher (optional)

Query Parameter —

Multiple Resources:

- **CapabilityStatement**: Name of the publisher of the capability statement
- **CodeSystem**: Name of the publisher of the code system
- **CompartmentDefinition**: Name of the publisher of the compartment definition
- **ConceptMap**: Name of the publisher of the concept map
- **GraphDefinition**: Name of the publisher of the graph definition
- **ImplementationGuide**: Name of the publisher of the implementation guide
- **MessageDefinition**: Name of the publisher of the message definition
- **NamingSystem**: Name of the publisher of the naming system
- **OperationDefinition**: Name of the publisher of the operation definition
- **SearchParameter**: Name of the publisher of the search parameter
- **StructureDefinition**: Name of the publisher of the structure definition
- **StructureMap**: Name of the publisher of the structure map
- **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
- **ValueSet**: Name of the publisher of the value set

_derivation (optional)

Query Parameter — specialization | constraint - How relates to base definition

_id (optional)

Query Parameter — Logical id of this artifact

_text (optional)

Query Parameter — Search on the narrative of the resource

_content (optional)

Query Parameter — Search on the entire content of the resource

status (optional)

Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
- **SearchParameter**: The current status of the search parameter
- **StructureDefinition**: The current status of the structure definition
- **StructureMap**: The current status of the structure map
- **TerminologyCapabilities**: The current status of the terminology capabilities
- **ValueSet**: The current status of the value set
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /StructureDefinition/_history

type-history: Fetch the resource change history for all resources of type StructureDefinition

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /StructureDefinition/{id}

instance-delete: Perform a logical delete on a resource instance (structureDefinitionIdDelete)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /StructureDefinition/{id}/$expunge

(structureDefinitionIdExpungePost)
GET /StructureDefinition/{id}

**read-instance:** Read StructureDefinition instance (structureDefinitionIdGet)

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
  
  **Success** Object

---

GET /StructureDefinition/{id}/_history

**instance-history:** Fetch the resource change history for all resources of type StructureDefinition (structureDefinitionIdHistoryGet)

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
  
  **Success** Object
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

```
GET /StructureDefinition/{id}/_history/{version_id}
```

vread-instance: Read StructureDefinition instance with specific version (structureDefinitionIdHistoryVersionIdGet)

Path parameters

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

- **version_id** (required)
  
  *Path Parameter* — The resource version ID default: null

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

```
POST /StructureDefinition/{id}/$meta-add
```

(structureDefinitionIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body** object (optional)
  
  *Body Parameter* —

Return type

Object

Produces
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header:

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
</tr>
</tbody>
</table>

**POST /StructureDefinition/{id}/$meta-delete**

(structureDefinitionIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

**Path parameters**

- id (required)  
  **Path Parameter** — The resource ID default: null

**Consumes**

This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json

**Request body**

- body object (optional)  
  **Body Parameter** —

**Return type**

Object

**Produces**

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
</tr>
</tbody>
</table>

**GET /StructureDefinition/{id}/$meta**

(structureDefinitionIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- id (required)  
  **Path Parameter** — The resource ID default: null

**Query parameters**

- return (optional)  
  **Query Parameter** —

**Return type**

Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /StructureDefinition/{id}

instance-patch: Patch a resource instance of type StructureDefinition by ID (structureDefinitionIdPatch)

Path parameters
- id (required)
  
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
  
  Body Parameter —

Return type
Object

PUT /StructureDefinition/{id}

update-instance: Update an existing StructureDefinition instance, or create using a client-assigned ID (structureDefinitionIdPut)

Path parameters
- id (required)
  
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /StructureDefinition/{id}/$snapshot
(structureDefinitionIdSnapshotGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters

definition (optional)
Query Parameter —
url (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /StructureDefinition/{id}/$validate
(structureDefinitionIdValidateGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
GET /StructureDefinition/$meta (structureDefinitionMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /StructureDefinition (structureDefinitionPost)
create-type: Create a new StructureDefinition instance

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /StructureDefinition/$snapshot

(structureDefinitionSnapshotGet)

Query parameters
- definition (optional)
  Query Parameter
- url (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /StructureDefinition/$validate

(structureDefinitionValidateGet)

Query parameters
- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

StructureMap
POST /StructureMap/$expunge
(structureMapExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /StructureMap
(structureMapGet)

search-type: Search for StructureMap instances

This is a search type

Query parameters

date (optional)

Query Parameter

context-type-value (optional)

Query Parameter

Multiple Resources:

- CapabilityStatement: The capability statement publication date
- CodeSystem: The code system publication date
- CompartmentDefinition: The compartment definition publication date
- ConceptMap: The concept map publication date
- GraphDefinition: The graph definition publication date
- ImplementationGuide: The implementation guide publication date
- MessageDefinition: The message definition publication date
- NamingSystem: The naming system publication date
- OperationDefinition: The operation definition publication date
- SearchParameter: The search parameter publication date
- StructureDefinition: The structure definition publication date
- StructureMap: The structure map publication date
- TerminologyCapabilities: The terminology capabilities publication date
- ValueSet: The value set publication date

Multiple Resources:

- CapabilityStatement: A use context type and value assigned to the capability statement
- CodeSystem: A use context type and value assigned to the code system
- CompartmentDefinition: A use context type and value assigned to the compartment definition
- ConceptMap: A use context type and value assigned to the concept map
- GraphDefinition: A use context type and value assigned to the graph definition
ImplementationGuide: A use context type and value assigned to the implementation guide
MessageDefinition: A use context type and value assigned to the message definition
NamingSystem: A use context type and value assigned to the naming system
OperationDefinition: A use context type and value assigned to the operation definition
SearchParameters: A use context type and value assigned to the search parameter
StructureDefinition: A use context type and value assigned to the structure definition
StructureMap: A use context type and value assigned to the structure map
TerminologyCapabilities: A use context type and value assigned to the terminology capabilities
ValueSet: A use context type and value assigned to the value set

lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter —

Multiple Resources:

CapabilityStatement: Intended jurisdiction for the capability statement
CodeSystem: Intended jurisdiction for the code system
ConceptMap: Intended jurisdiction for the concept map
GraphDefinition: Intended jurisdiction for the graph definition
ImplementationGuide: Intended jurisdiction for the implementation guide
MessageDefinition: Intended jurisdiction for the message definition
NamingSystem: Intended jurisdiction for the naming system
OperationDefinition: Intended jurisdiction for the operation definition
SearchParameters: Intended jurisdiction for the search parameter
StructureDefinition: Intended jurisdiction for the structure definition
StructureMap: Intended jurisdiction for the structure map
TerminologyCapabilities: Intended jurisdiction for the terminology capabilities
ValueSet: Intended jurisdiction for the value set

description (optional)
Query Parameter —

Multiple Resources:

CapabilityStatement: The description of the capability statement
CodeSystem: The description of the code system
CompartmentDefinition: The description of the compartment definition
ConceptMap: The description of the concept map
GraphDefinition: The description of the graph definition
ImplementationGuide: The description of the implementation guide
MessageDefinition: The description of the message definition
NamingSystem: The description of the naming system
OperationDefinition: The description of the operation definition
SearchParameters: The description of the search parameter
StructureDefinition: The description of the structure definition
StructureMap: The description of the structure map
TerminologyCapabilities: The description of the terminology capabilities
ValueSet: The description of the value set

category-type (optional)
Query Parameter —

Multiple Resources:

CapabilityStatement: A type of use context assigned to the capability statement
CodeSystem: A type of use context assigned to the code system
CompartmentDefinition: A type of use context assigned to the compartment definition
ConceptMap: A type of use context assigned to the concept map
GraphDefinition: A type of use context assigned to the graph definition
ImplementationGuide: A type of use context assigned to the implementation guide
MessageDefinition: A type of use context assigned to the message definition
NamingSystem: A type of use context assigned to the naming system
OperationDefinition: A type of use context assigned to the operation definition
SearchParameters: A type of use context assigned to the search parameter
StructureDefinition: A type of use context assigned to the structure definition
StructureMap: A type of use context assigned to the structure map
TerminologyCapabilities: A type of use context assigned to the terminology capabilities

ValueSet: A type of use context assigned to the value set

title (optional)

Query Parameter —

Multiple Resources:

- CapabilityStatement: The human-friendly name of the capability statement
- CodeSystem: The human-friendly name of the code system
- ConceptMap: The human-friendly name of the concept map
- ImplementationGuide: The human-friendly name of the implementation guide
- MessageDefinition: The human-friendly name of the message definition
- OperationDefinition: The human-friendly name of the operation definition
- StructureDefinition: The human-friendly name of the structure definition
- StructureMap: The human-friendly name of the structure map
- TerminologyCapabilities: The human-friendly name of the terminology capabilities
- ValueSet: The human-friendly name of the value set

cost-context-quantity (optional)

Query Parameter —

Multiple Resources:

- CapabilityStatement: A quantity- or range-valued use context assigned to the capability statement
- CodeSystem: A quantity- or range-valued use context assigned to the code system
- CompartmentDefinition: A quantity- or range-valued use context assigned to the compartment definition
- ConceptMap: A quantity- or range-valued use context assigned to the concept map
- GraphDefinition: A quantity- or range-valued use context assigned to the graph definition
- ImplementationGuide: A quantity- or range-valued use context assigned to the implementation guide
- MessageDefinition: A quantity- or range-valued use context assigned to the message definition
- NamingSystem: A quantity- or range-valued use context assigned to the naming system
- OperationDefinition: A quantity- or range-valued use context assigned to the operation definition
- SearchParameter: A quantity- or range-valued use context assigned to the search parameter
- StructureDefinition: A quantity- or range-valued use context assigned to the structure definition
- StructureMap: A quantity- or range-valued use context assigned to the structure map
- TerminologyCapabilities: A quantity- or range-valued use context assigned to the terminology capabilities
- ValueSet: A quantity- or range-valued use context assigned to the value set

cost (optional)

Query Parameter —

Multiple Resources:

- CapabilityStatement: A use context assigned to the capability statement
- CodeSystem: A use context assigned to the code system
- CompartmentDefinition: A use context assigned to the compartment definition
- ConceptMap: A use context assigned to the concept map
- GraphDefinition: A use context assigned to the graph definition
- ImplementationGuide: A use context assigned to the implementation guide
- MessageDefinition: A use context assigned to the message definition
- NamingSystem: A use context assigned to the naming system
- OperationDefinition: A use context assigned to the operation definition
- SearchParameter: A use context assigned to the search parameter
- StructureDefinition: A use context assigned to the structure definition
- StructureMap: A use context assigned to the structure map
- TerminologyCapabilities: A use context assigned to the terminology capabilities
- ValueSet: A use context assigned to the value set

cost-type-quantity (optional)

Query Parameter —

Multiple Resources:
<table>
<thead>
<tr>
<th>Identifier (optional)</th>
<th>Query Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>capabilitystatement</em></td>
<td>A use context type and quantity- or range-based value assigned to the capability statement</td>
</tr>
<tr>
<td><em>codesystem</em></td>
<td>A use context type and quantity- or range-based value assigned to the code system</td>
</tr>
<tr>
<td><em>compartmentdefinition</em></td>
<td>A use context type and quantity- or range-based value assigned to the compartment definition</td>
</tr>
<tr>
<td><em>conceptmap</em></td>
<td>A use context type and quantity- or range-based value assigned to the concept map</td>
</tr>
<tr>
<td><em>graphdefinition</em></td>
<td>A use context type and quantity- or range-based value assigned to the graph definition</td>
</tr>
<tr>
<td><em>implementationguide</em></td>
<td>A use context type and quantity- or range-based value assigned to the implementation guide</td>
</tr>
<tr>
<td><em>messagedefinition</em></td>
<td>A use context type and quantity- or range-based value assigned to the message definition</td>
</tr>
<tr>
<td><em>namingsystem</em></td>
<td>A use context type and quantity- or range-based value assigned to the naming system</td>
</tr>
<tr>
<td><em>operationdefinition</em></td>
<td>A use context type and quantity- or range-based value assigned to the operation definition</td>
</tr>
<tr>
<td><em>searchparameter</em></td>
<td>A use context type and quantity- or range-based value assigned to the search parameter</td>
</tr>
<tr>
<td><em>structuredefinition</em></td>
<td>A use context type and quantity- or range-based value assigned to the structure definition</td>
</tr>
<tr>
<td><em>structuredefinition</em></td>
<td>A use context type and quantity- or range-based value assigned to the structure map</td>
</tr>
<tr>
<td><em>terminologycapabilities</em></td>
<td>A use context type and quantity- or range-based value assigned to the terminology capabilities</td>
</tr>
<tr>
<td><em>valueset</em></td>
<td>A use context type and quantity- or range-based value assigned to the value set</td>
</tr>
</tbody>
</table>

Security (optional)
*security* (optional) — Security Labels applied to this resource

Version (optional)
*version* (optional) — Security Labels applied to this resource

URL (optional)
*url* (optional) — Security Labels applied to this resource
GraphDefinition: The uri that identifies the graph definition
ImplementationGuide: The uri that identifies the implementation guide
MessageDefinition: The uri that identifies the message definition
OperationDefinition: The uri that identifies the operation definition
SearchParameter: The uri that identifies the search parameter
StructureDefinition: The uri that identifies the structure definition
StructureMap: The uri that identifies the structure map
TerminologyCapabilities: The uri that identifies the terminology capabilities
ValueSet: The uri that identifies the value set

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

name (optional)
Query Parameter —

Multiple Resources:

 CapabilityStatement: Computationally friendly name of the capability statement
 CodeSystem: Computationally friendly name of the code system
 CompartmentDefinition: Computationally friendly name of the compartment definition
 ConceptMap: Computationally friendly name of the concept map
 GraphDefinition: Computationally friendly name of the graph definition
 ImplementationGuide: Computationally friendly name of the implementation guide
 MessageDefinition: Computationally friendly name of the message definition
 NamingSystem: Computationally friendly name of the naming system
 OperationDefinition: Computationally friendly name of the operation definition
 SearchParameter: Computationally friendly name of the search parameter
 StructureDefinition: Computationally friendly name of the structure definition
 StructureMap: Computationally friendly name of the structure map
 TerminologyCapabilities: Computationally friendly name of the terminology capabilities
 ValueSet: Computationally friendly name of the value set

_publisher (optional)
Query Parameter —

Multiple Resources:

 CapabilityStatement: Name of the publisher of the capability statement
 CodeSystem: Name of the publisher of the code system
 CompartmentDefinition: Name of the publisher of the compartment definition
 ConceptMap: Name of the publisher of the concept map
 GraphDefinition: Name of the publisher of the graph definition
 ImplementationGuide: Name of the publisher of the implementation guide
 MessageDefinition: Name of the publisher of the message definition
 NamingSystem: Name of the publisher of the naming system
 OperationDefinition: Name of the publisher of the operation definition
 SearchParameter: Name of the publisher of the search parameter
 StructureDefinition: Name of the publisher of the structure definition
 StructureMap: Name of the publisher of the structure map
 TerminologyCapabilities: Name of the publisher of the terminology capabilities
 ValueSet: Name of the publisher of the value set

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource
_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter —

Multiple Resources:

- **CapabilityStatement**: The current status of the capability statement
- **CodeSystem**: The current status of the code system
- **CompartmentDefinition**: The current status of the compartment definition
- **ConceptMap**: The current status of the concept map
- **GraphDefinition**: The current status of the graph definition
- **ImplementationGuide**: The current status of the implementation guide
- **MessageDefinition**: The current status of the message definition
- **NamingSystem**: The current status of the naming system
- **OperationDefinition**: The current status of the operation definition
- **SearchParameter**: The current status of the search parameter
- **StructureDefinition**: The current status of the structure definition
- **StructureMap**: The current status of the structure map
- **TerminologyCapabilities**: The current status of the terminology capabilities
- **ValueSet**: The current status of the value set

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

**GET /StructureMap/_history**

*type-history: Fetch the resource change history for all resources of type StructureMap (structureMapHistoryGet)*

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

**DELETE /StructureMap/{id}**

*instance-delete: Perform a logical delete on a resource instance (structureMapIdDelete)*

Path parameters

- **id (required)**
  Path Parameter — The resource ID default: null
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /StructureMap/{id}/$expunge
(structureMapIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /StructureMap/{id}
(structureMapIdGet)

read-instance: Read StructureMap instance (structureMapId)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
Responses
200 Success Object

GET /StructureMap/{id}/_history

instance-history: Fetch the resource change history for all resources of type StructureMap (structureMapIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /StructureMap/{id}/_history/{version_id}

vread-instance: Read StructureMap instance with specific version (structureMapIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /StructureMap/{id}/$meta-add
(structureMapIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /StructureMap/{id}/$meta-delete
(structureMapIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
**GET /StructureMap/{id}/$meta**

(StructureMapIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id (required)**
  
  Path Parameter — The resource ID default: null

**Query parameters**

- **return (optional)**
  
  Query Parameter —

**Return type**

Object

**Producers**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

**PATCH /StructureMap/{id}**

(instance-patch: Patch a resource instance of type StructureMap by ID (StructureMapIdPatch))

**Path parameters**

- **id (required)**
  
  Path Parameter — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body object (optional)
  
  Body Parameter —

**Return type**

Object

**Producers**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object
PUT /StructureMap/{id}

update-instance: Update an existing StructureMap instance, or create using a client-assigned ID (structureMapIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

---

GET /StructureMap/{id}/$validate

(structureMapIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
GET /StructureMap/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /StructureMap

create-type: Create a new StructureMap instance (structureMapPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /StructureMap/$validate

Query parameters
Subscription

**POST** /Subscription/$expunge

**(subscriptionExpungePost)**

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

**body** *(optional)*

**Body Parameter** —

**Return type**
Object

**Produce**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

**GET** /Subscription

**search-type:** Search for Subscription instances *(subscriptionGet)*

This is a search type

**Query parameters**

criteria *(optional)*

**Query Parameter** — The search rules used to determine when to send a notification
_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

type (optional)
Query Parameter — The type of channel for the sent notifications

url (optional)
Query Parameter — The uri that will receive the notifications

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

payload (optional)
Query Parameter — The mime-type of the notification payload

_tag (optional)
Query Parameter — Tags applied to this resource

contact (optional)
Query Parameter — Contact details for the subscription

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

_status (optional)
Query Parameter — The current state of the subscription

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Subscription/_history

Get the resource change history for all resources of type Subscription (subscriptionHistoryGet)
DELETE /Subscription/{id}

instance-delete: Perform a logical delete on a resource instance (subscriptionIdDelete)

Path parameters

id (required)

$Path Parameter$ — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success $Object$

POST /Subscription/{id}/$expunge

(subscriptionIdExpungePost)

Path parameters

id (required)

$Path Parameter$ — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body $object$ (optional)

$Body Parameter$ —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success $Object$
GET /Subscription/{id}

read-instance: Read Subscription instance (subscriptionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Subscription/{id}/_history

instance-history: Fetch the resource change history for all resources of type Subscription (subscriptionIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Subscription/{id}/_history/{version_id}

vread-instance: Read Subscription instance with specific version (subscriptionIdHistoryVersionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

version_id (required)

Path Parameter — The resource version ID default: null

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Subscription/{id}$/meta-add

(subscriptionIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Subscription/{id}$/meta-delete

(subscriptionIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Subscription/{id}/$meta
(subscriptionIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /Subscription/{id}
(subscriptionIdPatch)

instance-patch: Patch a resource instance of type Subscription by ID

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
PUT /Subscription/{id}

update-instance: Update an existing Subscription instance, or create using a client-assigned ID (subscriptionIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

POST /Subscription/{id}/$trigger-subscription

(subscriptionIdTriggerSubscriptionPost)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

- body object (optional)

Body Parameter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Subscription/{id}/$validate

(subscriptionIdValidateGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Query parameters

- resource (optional)
  Query Parameter
- mode (optional)
  Query Parameter
- profile (optional)
  Query Parameter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Subscription/$meta

(subscriptionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  Query Parameter
**POST /Subscription**

create-type: Create a new Subscription instance (subscriptionPost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body object (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success Object

---

**POST /Subscription/$trigger-subscription**

(subscriptionTriggerSubscriptionPost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body object (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success Object
GET /Subscription/$validate
(subscriptionValidateGet)

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

Substance

POST /Substance/$expunge
(substanceExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
GET /Substance

search-type: Search for Substance instances (substanceGet)

This is a search type

Query parameters

identifier (optional)
Query Parameter — Unique identifier for the substance

code (optional)
Query Parameter — The code of the substance or ingredient

quantity (optional)
Query Parameter — Amount of substance in the package

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_has (optional)
Query Parameter — Return resources linked to by the given target

source (optional)
Query Parameter — Identifies where the resource comes from

expiry (optional)
Query Parameter — Expiry date of package or container of substance

_text (optional)
Query Parameter — Search on the narrative of the resource

_category (optional)
Query Parameter — The category of the substance

status (optional)
Query Parameter — active | inactive | entered-in-error

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /Substance/_history

type-history: Fetch the resource change history for all resources of type Substance (substanceHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /Substance/{id}

instance-delete: Perform a logical delete on a resource instance (substanceIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Substance/{id}/$expunge
(substanceIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Substance/{id}

read-instance: Read Substance instance (substanceIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /Substance/{id}/_history

instance-history: Fetch the resource change history for all resources of type Substance (substanceIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /Substance/{id}/_history/{version_id}

vread-instance: Read Substance instance with specific version (substanceIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Substance/{id}/$meta-add
(substanceIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /Substance/{id}/$meta-delete
(substanceIdMetaDeletePost)
Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /Substance/{id}/$meta
(substanceIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

PATCH /Substance/{id}
(instancePatch: Patch a resource instance of type Substance by ID (substanceIdPatch))
**PUT /Substance/{id}**

update-instance: Update an existing Substance instance, or create using a client-assigned ID (substanceIdPut)

**Path parameters**

id (required)

Path Parameter — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)

Body Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200 Success Object
GET /Substance/{id}/$validate

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

mode (optional)

profile (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /Substance/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /Substance

create-type: Create a new Substance instance (substancePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success Object

---

**GET /Substance/$validate**

(substanceValidateGet)

**Query parameters**

resource (optional)

Query Parameter

mode (optional)

Query Parameter

profile (optional)

Query Parameter

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success Object

---

**SubstanceNucleicAcid**

**POST /SubstanceNucleicAcid/$expunge**

(substanceNucleicAcidExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SubstanceNucleicAcid

search-type: Search for SubstanceNucleicAcid instances (substanceNucleicAcidGet)

This is a search type

Query parameters

_profile (optional)

Query Parameter — Profiles this resource claims to conform to

_lastUpdated (optional)

Query Parameter — When the resource version last changed

_tag (optional)

Query Parameter — Tags applied to this resource

_has (optional)

Query Parameter — Return resources linked to by the given target

_security (optional)

Query Parameter — Security Labels applied to this resource

_source (optional)

Query Parameter — Identifies where the resource comes from

_id (optional)

Query Parameter — Logical id of this artifact

_text (optional)

Query Parameter — Search on the narrative of the resource

_content (optional)

Query Parameter — Search on the entire content of the resource

_filter (optional)

Query Parameter — Search the contents of the resource’s data using a filter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /SubstanceNucleicAcid/_history

**type-history:** Fetch the resource change history for all resources of type SubstanceNucleicAcid
(substanceNucleicAcidHistoryGet)

### Return type
Object

### Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses
200
Success **Object**

DELETE /SubstanceNucleicAcid/{id}

**instance-delete:** Perform a logical delete on a resource instance (substanceNucleicAcidIdDelete)

#### Path parameters

- **id** (required)
  
  **Path Parameter** — The resource ID default: null

### Return type
Object

### Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

### Responses
200
Success **Object**

POST /SubstanceNucleicAcid/{id}/$expunge

(substanceNucleicAcidIdExpungePost)

#### Path parameters

- **id** (required)
  
  **Path Parameter** — The resource ID default: null

#### Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

#### Request body

- **body** **object** (optional)
  
  **Body Parameter** —

### Return type
Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /SubstanceNucleicAcid/{id}**

read-instance: Read SubstanceNucleicAcid instance (substanceNucleicAcidIdGet)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /SubstanceNucleicAcid/{id}/_history**

instance-history: Fetch the resource change history for all resources of type SubstanceNucleicAcid (substanceNucleicAcidIdHistoryGet)

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

---

**GET /SubstanceNucleicAcid/{id}/_history/{version_id}**

vread-instance: Read SubstanceNucleicAcid instance with specific version (substanceNucleicAcidIdHistoryVersionIdGet)
Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

- **version_id (required)**
  
  *Path Parameter* — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

HTTP Status Code | Description | MIME Type
--- | --- | ---
200 | Success | Object

**POST** /SubstanceNucleicAcid/{id}/$meta-add

*(substanceNucleicAcidIdMetaAddPost)*

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body object (optional)**
  
  *Body Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

HTTP Status Code | Description | MIME Type
--- | --- | ---
200 | Success | Object

**POST** /SubstanceNucleicAcid/{id}/$meta-delete

*(substanceNucleicAcidIdMetaDeletePost)*

Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)

*Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

*body object* (optional)

*Body Parameter* —

**Return type**

*Object*

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  Success *Object*

---

**GET /SubstanceNucleicAcid/{id}/$meta**

(substanceNucleicAcidIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Query parameters**

return (optional)

*Query Parameter* —

**Return type**

*Object*

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  Success *Object*

---

**PATCH /SubstanceNucleicAcid/{id}**

(instance-patch: Patch a resource instance of type SubstanceNucleicAcid by ID (substanceNucleicAcidIdPatch))

**Path parameters**
PUT `/SubstanceNucleicAcid/{id}`

update-instance: Update an existing SubstanceNucleicAcid instance, or create using a client-assigned ID (substanceNucleicAcidIdPut)

**Path parameters**

- id (required)

  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body [object](optional)

  *Body Parameter* –

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success [Object](http://)
GET /SubstanceNucleicAcid/{id}/$validate

(substanceNucleicAcidIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /SubstanceNucleicAcid/$meta

(substanceNucleicAcidMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /SubstanceNucleicAcid
create-type: Create a new SubstanceNucleicAcid instance (substanceNucleicAcidPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /SubstanceNucleicAcid/$validate
(substanceNucleicAcidValidateGet)

Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

SubstancePolymer

POST /SubstancePolymer/$expunge
(substancePolymerExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
**Request body**

- **body object (optional)**
  
  *Body Parameter*

**Return type**

- **Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  - Success **Object**

---

**GET /SubstancePolymer**

**search-type:** Search for SubstancePolymer instances (**substancePolymerGet**)  

This is a search type

**Query parameters**

- **_profile (optional)**
  - *Query Parameter* — Profiles this resource claims to conform to

- **_lastUpdated (optional)**
  - *Query Parameter* — When the resource version last changed

- **_tag (optional)**
  - *Query Parameter* — Tags applied to this resource

- **_has (optional)**
  - *Query Parameter* — Return resources linked to by the given target

- **_security (optional)**
  - *Query Parameter* — Security Labels applied to this resource

- **_source (optional)**
  - *Query Parameter* — Identifies where the resource comes from

- **_id (optional)**
  - *Query Parameter* — Logical id of this artifact

- **_text (optional)**
  - *Query Parameter* — Search on the narrative of the resource

- **_content (optional)**
  - *Query Parameter* — Search on the entire content of the resource

- **_filter (optional)**
  - *Query Parameter* — Search the contents of the resource's data using a filter

**Return type**

- **Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  - Success **Object**
GET /SubstancePolymer/_history

*type-history:* Fetch the resource change history for all resources of type SubstancePolymer (*substancePolymerHistoryGet*)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

DELETE /SubstancePolymer/{id}

*instance-delete:* Perform a logical delete on a resource instance (*substancePolymerIdDelete*)

**Path parameters**
- id (required)
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

POST /SubstancePolymer/{id}/$expunge

(*substancePolymerIdExpungePost*)

**Path parameters**
- id (required)
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**
- body **object** (optional)
  *Body Parameter* —

**Return type**
Object
**GET /SubstancePolymer/{id}**

read-instance: Read SubstancePolymer instance (substancePolymerIdGet)

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success *Object*

---

**GET /SubstancePolymer/{id}/_history**

instance-history: Fetch the resource change history for all resources of type SubstancePolymer (substancePolymerIdHistoryGet)

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success *Object*

---

**GET /SubstancePolymer/{id}/_history/{version_id}**

vread-instance: Read SubstancePolymer instance with specific version (substancePolymerIdHistoryVersionIdGet)
Path parameters

`id` (required)

*Path Parameter* — The resource ID default: null

`version_id` (required)

*Path Parameter* — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `application/fhir+json`
- `application/fhir+xml`

Responses

200 Success [Object](#)

### POST /SubstancePolymer/{id}$/meta-add

*(substancePolymerIdMetaAddPost)*

Add tags, profiles, and/or security labels to a resource

Path parameters

`id` (required)

*Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/fhir+json`

Request body

`body` *object* (optional)

*Body Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `application/fhir+json`
- `application/fhir+xml`

Responses

200 Success [Object](#)

### POST /SubstancePolymer/{id}$/meta-delete

*(substancePolymerIdMetaDeletePost)*

Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SubstancePolymer/{id}/$meta
(substancePolymerIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Query parameters

return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /SubstancePolymer/{id}
instance-patch: Patch a resource instance of type SubstancePolymer by ID (substancePolymerIdPatch)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

---

PUT /SubstancePolymer/{id}

update-instance: Update an existing SubstancePolymer instance, or create using a client-assigned ID (substancePolymerIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
GET /SubstancePolymer/{id}/$validate
(substancePolymerIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SubstancePolymer/$meta
(substancePolymerMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /SubstancePolymer
(create-type: Create a new SubstancePolymer instance (substancePolymerPost)

Consumes

https://10.2.2.41/api-doc/
This API call consumes the following media types via the Content-Type request header:

```
  application/fhir+json
  application/fhir+xml
```

**Request body**

- body `object` (optional)

**Response type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

```
  application/fhir+json
  application/fhir+xml
```

**Responses**

200
Success [Object](#)

---

**GET /SubstancePolymer/$validate**

(substancePolymerValidateGet)

**Query parameters**

- `resource` (optional)
  Query Parameter —

- `mode` (optional)
  Query Parameter —

- `profile` (optional)
  Query Parameter —

**Return type**

Object

**Produce**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

```
  application/fhir+json
  application/fhir+xml
```

**Responses**

200
Success [Object](#)

---

**SubstanceProtein**

**POST /SubstanceProtein/$expunge**

(substanceProteinExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

```
  application/fhir+json
```

https://10.2.4.1/api-doc/
Request body

- body **object** (optional)

  **Body Parameter**

Return type

- **Object**

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

- **200**
  - Success **Object**

---

**GET /SubstanceProtein**

search-type: Search for SubstanceProtein instances (**substanceProteinGet**)  
This is a search type

Query parameters

- **_profile** (optional)
  - **Query Parameter** — Profiles this resource claims to conform to

- **_lastUpdated** (optional)
  - **Query Parameter** — When the resource version last changed

- **_tag** (optional)
  - **Query Parameter** — Tags applied to this resource

- **_has** (optional)
  - **Query Parameter** — Return resources linked to by the given target

- **_security** (optional)
  - **Query Parameter** — Security Labels applied to this resource

- **_source** (optional)
  - **Query Parameter** — Identifies where the resource comes from

- **_id** (optional)
  - **Query Parameter** — Logical id of this artifact

- **_text** (optional)
  - **Query Parameter** — Search on the narrative of the resource

- **_content** (optional)
  - **Query Parameter** — Search on the entire content of the resource

- **_filter** (optional)
  - **Query Parameter** — Search the contents of the resource's data using a filter

Return type

- **Object**

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

- **200**
  - Success **Object**
GET /SubstanceProtein/_history

`type-history:` Fetch the resource change history for all resources of type SubstanceProtein (`substanceProteinHistoryGet`)

**Return type**
Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.
- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

DELETE /SubstanceProtein/{id}

`instance-delete:` Perform a logical delete on a resource instance (`substanceProteinIdDelete`)

**Path parameters**

id **(required)**

*Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.
- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

POST /SubstanceProtein/{id}/$expunge

(substanceProteinIdExpungePost)

**Path parameters**

id **(required)**

*Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the `Content-Type` request header:
- application/fhir+json

**Request body**

*body* **object** **(optional)**

*Body Parameter* —

**Return type**
Object
GET /SubstanceProtein/{id}

Path instance: Read SubstanceProtein instance (substanceProteinIdGet)

Path parameters

- id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /SubstanceProtein/{id}/_history

instance-history: Fetch the resource change history for all resources of type SubstanceProtein (substanceProteinIdHistoryGet)

Path parameters

- id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /SubstanceProtein/{id}/_history/{version_id}

vread-instance: Read SubstanceProtein instance with specific version (substanceProteinIdHistoryVersionIdGet)
Path parameters

id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /SubstanceProtein/{id}/$meta-add

(substanceProteinIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /SubstanceProtein/{id}/$meta-delete

(substanceProteinIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
  - application/fhir+json

Request body
  body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

---

GET /SubstanceProtein/{id}/$meta
(substanceProteinIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
  id (required)
    Path Parameter — The resource ID default: null

Query parameters
  return (optional)
    Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

---

PATCH /SubstanceProtein/{id}
(instance-patch: Patch a resource instance of type SubstanceProtein by ID (substanceProteinIdPatch))

Path parameters
id (required)
— Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
— Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

### PUT /SubstanceProtein/{id}

update-instance: Update an existing SubstanceProtein instance, or create using a client-assigned ID (substanceProteinIdPut)

Path parameters

id (required)
— Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
— Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
GET /SubstanceProtein/{id}/$validate
(substanceProteinIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /SubstanceProtein/$meta
(substanceProteinMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

POST /SubstanceProtein
(create-type: Create a new SubstanceProtein instance (substanceProteinPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

body object (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success Object

---

**GET /SubstanceProtein/$validate**

(substanceProteinValidateGet)

**Query parameters**

resource (optional)
Query Parameter

mode (optional)
Query Parameter

profile (optional)
Query Parameter

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json

**Responses**

200
Success Object

---

**POST /SubstanceReferenceInformation/$expunge**

(substanceReferenceInformationExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
Request body

- body **object** (optional)
  
  *Body Parameter*

Return type

- Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

- **200**
  - Success **Object**

---

**GET /SubstanceReferenceInformation**

*search-type:* Search for SubstanceReferenceInformation instances (**substanceReferenceInformationGet**)

This is a search type

Query parameters

- _profile (optional)
  
  *Query Parameter* — Profiles this resource claims to conform to

- _lastUpdated (optional)
  
  *Query Parameter* — When the resource version last changed

- _tag (optional)
  
  *Query Parameter* — Tags applied to this resource

- _has (optional)
  
  *Query Parameter* — Return resources linked to by the given target

- _security (optional)
  
  *Query Parameter* — Security Labels applied to this resource

- _source (optional)
  
  *Query Parameter* — Identifies where the resource comes from

- _id (optional)
  
  *Query Parameter* — Logical id of this artifact

- _text (optional)
  
  *Query Parameter* — Search on the narrative of the resource

- _content (optional)
  
  *Query Parameter* — Search on the entire content of the resource

- _filter (optional)
  
  *Query Parameter* — Search the contents of the resource’s data using a filter

Return type

- Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

- **200**
  - Success **Object**

---

https://10.2.2.41/api-doc/
GET /SubstanceReferenceInformation/_history

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /SubstanceReferenceInformation/{id}

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /SubstanceReferenceInformation/{id}/$expunge

Path parameters
- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
- body object (optional)
  Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SubstanceReferenceInformation/{id}

read-instance: Read SubstanceReferenceInformation instance (substanceReferenceInformationIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SubstanceReferenceInformation/{id}/_history

instance-history: Fetch the resource change history for all resources of type SubstanceReferenceInformation (substanceReferenceInformationIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SubstanceReferenceInformation/{id}/_history/{version_id}
Path parameters

- **id (required)**
  - *Path Parameter* — The resource ID default: null

- **version_id (required)**
  - *Path Parameter* — The resource version ID default: null

Return type

*Object*

Produces

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success *Object*

---

**POST /SubstanceReferenceInformation/{id}/$meta-add**

(\[
\]substanceReferenceInformationIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id (required)**
  - *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json

Request body

- **body** *object* (optional)
  - *Body Parameter* —

Return type

*Object*

Produces

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success *Object*

---

**POST /SubstanceReferenceInformation/{id}/$meta-delete**

(\[
\]substanceReferenceInformationIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

---
Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SubstanceReferenceInformation/{id}/$meta

(substanceReferenceInformationIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Query parameters

return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /SubstanceReferenceInformation/{id}

(instance-patch: Patch a resource instance of type SubstanceReferenceInformation by ID (substanceReferenceInformationIdPatch))
PUT /SubstanceReferenceInformation/{id}

update-instance: Update an existing SubstanceReferenceInformation instance, or create using a client-assigned ID (substanceReferenceInformationIdPut)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
GET /SubstanceReferenceInformation/{id}/$validate

Path parameters

id (required)
   Path Parameter — The resource ID default: null

Query parameters

resource (optional)
   Query Parameter —

mode (optional)
   Query Parameter —

profile (optional)
   Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SubstanceReferenceInformation/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
   Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /SubstanceReferenceInformation

create-type: Create a new SubstanceReferenceInformation instance

Consumes
This API call consumes the following media types via the Content-type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- body object (optional)
  `Body Parameter`

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  Success Object

---

**GET /SubstanceReferenceInformation/$validate**

(substanceReferenceInformationValidateGet)

**Query parameters**

- resource (optional)
  `Query Parameter`
- mode (optional)
  `Query Parameter`
- profile (optional)
  `Query Parameter`

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200  Success Object

---

**SubstanceSourceMaterial**

**POST /SubstanceSourceMaterial/$expunge**

(substanceSourceMaterialExpungePost)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
body **object** (optional)

*Body Parameter —*

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

---

**GET /SubstanceSourceMaterial**

**search-type:** Search for SubstanceSourceMaterial instances (**substanceSourceMaterialGet**)  
This is a search type

**Query parameters**

- **_profile** (optional)
  *Query Parameter — Profiles this resource claims to conform to*

- **_lastUpdated** (optional)
  *Query Parameter — When the resource version last changed*

- **_tag** (optional)
  *Query Parameter — Tags applied to this resource*

- **_has** (optional)
  *Query Parameter — Return resources linked to by the given target*

- **_security** (optional)
  *Query Parameter — Security Labels applied to this resource*

- **_source** (optional)
  *Query Parameter — Identifies where the resource comes from*

- **_id** (optional)
  *Query Parameter — Logical id of this artifact*

- **_text** (optional)
  *Query Parameter — Search on the narrative of the resource*

- **_content** (optional)
  *Query Parameter — Search on the entire content of the resource*

- **_filter** (optional)
  *Query Parameter — Search the contents of the resource's data using a filter*

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**
GET /SubstanceSourceMaterial/_history

Type-history: Fetch the resource change history for all resources of type SubstanceSourceMaterial (substanceSourceMaterialHistoryGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

DELETE /SubstanceSourceMaterial/{id}

Instance-delete: Perform a logical delete on a resource instance (substanceSourceMaterialIdDelete)

**Path parameters**
- id (required)
  Path Parameter — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

POST /SubstanceSourceMaterial/{id}/$expunge

(substanceSourceMaterialIdExpungePost)

**Path parameters**
- id (required)
  Path Parameter — The resource ID default: null

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**
- body **object** (optional)
  Body Parameter —

**Return type**
**Object**

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200  
Success **Object**

---

**GET /SubstanceSourceMaterial/{id}**

read-instance: Read SubstanceSourceMaterial instance *(substanceSourceMaterialIdGet)*

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200  
Success **Object**

---

**GET /SubstanceSourceMaterial/{id}/_history**

instance-history: Fetch the resource change history for all resources of type SubstanceSourceMaterial *(substanceSourceMaterialIdHistoryGet)*

**Path parameters**

id (required)

*Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200  
Success **Object**

---

**GET /SubstanceSourceMaterial/{id}/_history/{version_id}**
vread-instance: Read SubstanceSourceMaterial instance with specific version
(substanceSourceMaterialIdHistoryVersionIdGet)

Path parameters

**id (required)**
Path Parameter — The resource ID default: null

**version_id (required)**
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

POST /SubstanceSourceMaterial/{id}/$meta-add
(substanceSourceMaterialIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

**id (required)**
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body **object** (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

POST /SubstanceSourceMaterial/{id}/$meta-delete
(substanceSourceMaterialIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource
### GET /SubstanceSourceMaterial/{id}/$meta

(substanceSourceMaterialIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- return (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**

---

### PATCH /SubstanceSourceMaterial/{id}

(instance-patch: Patch a resource instance of type SubstanceSourceMaterial by ID (substanceSourceMaterialIdPatch))
```plaintext
PUT /SubstanceSourceMaterial/{id}

update-instance: Update an existing SubstanceSourceMaterial instance, or create using a client-assigned ID
(substanceSourceMaterialIdPut)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

  body object (optional)
  Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object
```
GET /SubstanceSourceMaterial/{id}/$validate
(substanceSourceMaterialIdValidateGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SubstanceSourceMaterial/$meta
(substanceSourceMaterialMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /SubstanceSourceMaterial
(substanceSourceMaterialPost)

create-type: Create a new SubstanceSourceMaterial instance

Consumes
This API call consumes the following media types via the Content-Type request header:

- `application/fhir+json`
- `application/fhir+xml`

Request body

- `body object` (optional)

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `application/fhir+json`
- `application/fhir+xml`

Responses

200
Success `Object`

```
GET /SubstanceSourceMaterial/$validate
```

(substanceSourceMaterialValidateGet)

Query parameters

- `resource` (optional)
  
  Query Parameter

- `mode` (optional)
  
  Query Parameter

- `profile` (optional)
  
  Query Parameter

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `application/fhir+json`
- `application/fhir+xml`

Responses

200
Success `Object`

```
SubstanceSpecification
```

```
POST /SubstanceSpecification/$expunge
```

(substanceSpecificationExpungePost)

Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/fhir+json`
GET /SubstanceSpecification

search-type: Search for SubstanceSpecification instances (substanceSpecificationGet)
This is a search type

Query parameters

- **code (optional)**
  Query Parameter — The specific code

- **_profile (optional)**
  Query Parameter — Profiles this resource claims to conform to

- **_lastUpdated (optional)**
  Query Parameter — When the resource version last changed

- **_tag (optional)**
  Query Parameter — Tags applied to this resource

- **_has (optional)**
  Query Parameter — Return resources linked to by the given target

- **_security (optional)**
  Query Parameter — Security Labels applied to this resource

- **_source (optional)**
  Query Parameter — Identifies where the resource comes from

- **_id (optional)**
  Query Parameter — Logical id of this artifact

- **_text (optional)**
  Query Parameter — Search on the narrative of the resource

- **_content (optional)**
  Query Parameter — Search on the entire content of the resource

- **_filter (optional)**
  Query Parameter — Search the contents of the resource's data using a filter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /SubstanceSpecification/_history

`type-history`: Fetch the resource change history for all resources of type SubstanceSpecification

**(substanceSpecificationHistoryGet)**

**Return type**
Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

DELETE /SubstanceSpecification/{id}

`instance-delete`: Perform a logical delete on a resource instance (**substanceSpecificationIdDelete**)

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success Object

POST /SubstanceSpecification/{id}$/expunge

**(substanceSpecificationIdExpungePost)**

**Path parameters**

- id (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**
This API call consumes the following media types via the `Content-Type` request header:

- application/fhir+json

**Request body**

https://10.2.2.41/api-doc/
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /SubstanceSpecification/{id}

read-instance: Read SubstanceSpecification instance (substanceSpecificationIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /SubstanceSpecification/{id}/_history

instance-history: Fetch the resource change history for all resources of type SubstanceSpecification (substanceSpecificationIdHistoryGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /SubstanceSpecification/{id}/_history/{version_id}

vread-instance: Read SubstanceSpecification instance with specific version
(substanceSpecificationIdHistoryVersionIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null
version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /SubstanceSpecification/{id}/$meta-add

(substanceSpecificationIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /SubstanceSpecification/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  - application/fhir+xml

Responses

200 Success Object

GET /SubstanceSpecification/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
  - application/fhir+xml

Responses

200 Success Object
PATCH /SubstanceSpecification/{id}

instance-patch: Patch a resource instance of type SubstanceSpecification by ID (substanceSpecificationIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

PUT /SubstanceSpecification/{id}

update-instance: Update an existing SubstanceSpecification instance, or create using a client-assigned ID (substanceSpecificationIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /SubstanceSpecification/{id}/$validate

(substanceSpecificationIdValidateGet)

Path parameters

id (required)
- Path Parameter — The resource ID default: null

Query parameters

resource (optional)
- Query Parameter

mode (optional)
- Query Parameter

profile (optional)
- Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SubstanceSpecification/$meta

(substanceSpecificationMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
- Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /SubstanceSpecification
create-type: Create a new SubstanceSpecification instance (substanceSpecificationPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)

Body Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /SubstanceSpecification/$validate
(substanceSpecificationValidateGet)

Query parameters
- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

SupplyDelivery

POST /SupplyDelivery/$expunge
(supplyDeliveryExpungePost)
This API call consumes the following media types via the Content-Type request header:

- `application/fhir+json`

**Request body**

*body object (optional)*

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `application/fhir+json`
- `application/fhir+xml`

**Responses**

200 Success *Object*

---

**GET /SupplyDelivery**

Search-type: Search for SupplyDelivery instances (*supplyDeliveryGet*)

This is a search type

**Query parameters**

*identifier (optional)*

*Query Parameter —*

Multiple Resources:

- **AllergyIntolerance**: External ids for this item
- **CarePlan**: External Ids for this plan
  - **CareTeam**: External Ids for this team
  - **Composition**: Version-independent identifier for the Composition
- **Condition**: A unique identifier of the condition record
- **Consent**: Identifier for this record (external references)
- **DetectedIssue**: Unique id for the detected issue
- **DeviceRequest**: Business identifier for request/order
- **DiagnosticReport**: An identifier for the report
- **DocumentManifest**: Unique Identifier for the set of documents
- **DocumentReference**: Master Version specific identifier
- **Encounter**: Identifier(s) by which this encounter is known
  - **EpisodeOfCare**: Business Identifier(s) relevant for this EpisodeOfCare
  - **FamilyMemberHistory**: A search by a record identifier
- **Goal**: External Ids for this goal
- **ImagingStudy**: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- **Immunization**: Business identifier
- **List**: Business identifier
- **MedicationAdministration**: Return administrations with this external identifier
  - **MedicationDispense**: Returns dispenses with this external identifier
  - **MedicationRequest**: Return prescriptions with this external identifier
- **MedicationStatement**: Return statements with this external identifier
- **Procedure**: A unique identifier for a procedure
- **RiskAssessment**: Unique identifier for the assessment
- **ServiceRequest**: Identifiers assigned to this order
- **SupplyDelivery**: External identifier
- **SupplyRequest**: Business Identifier for SupplyRequest
- **VisionPrescription**: Return prescriptions with this external identifier
receiver (optional)
Query Parameter — Who collected the Supply

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **device**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

_tag (optional)
Query Parameter — Tags applied to this resource

supplier (optional)
Query Parameter — Dispenser

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource
__content (optional)  
*Query Parameter* — Search on the entire content of the resource

__status (optional)  
*Query Parameter* — in-progress | completed | abandoned | entered-in-error

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success *Object*

---

**GET /SupplyDelivery/_history**

type-history: Fetch the resource change history for all resources of type SupplyDelivery *(supplyDeliveryHistoryGet)*

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success *Object*

---

**DELETE /SupplyDelivery/{id}**

instance-delete: Perform a logical delete on a resource instance *(supplyDeliveryIdDelete)*

**Path parameters**

- id (required)
  *Path Parameter* — The resource ID default: null

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200 Success *Object*
POST /SupplyDelivery/{id}/$expunge

(supplyDeliveryIdExpungePost)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SupplyDelivery/{id}

read-instance: Read SupplyDelivery instance (supplyDeliveryIdGet)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SupplyDelivery/{id}/_history

instance-history: Fetch the resource change history for all resources of type SupplyDelivery (supplyDeliveryIdHistoryGet)

Path parameters

id (required)
<table>
<thead>
<tr>
<th>Method</th>
<th>Path</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GET</td>
<td>/SupplyDelivery/{id}/_history/{version_id}</td>
<td>vread-instance: Read SupplyDelivery instance with specific version (supplyDeliveryIdHistoryVersionIdGet)</td>
</tr>
</tbody>
</table>

**Path parameters**

- **id (required)**
  - Path Parameter — The resource ID default: null
- **version_id (required)**
  - Path Parameter — The resource version ID default: null

**Responses**

- **200** Success Object

<table>
<thead>
<tr>
<th>Method</th>
<th>Path</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST</td>
<td>/SupplyDelivery/{id}/$meta-add</td>
<td>Add tags, profiles, and/or security labels to a resource (supplyDeliveryIdMetaAddPost)</td>
</tr>
</tbody>
</table>

**Path parameters**

- **id (required)**
  - Path Parameter — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body object (optional)**
  - Body Parameter —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200** Success Object
HAPI FHIR Server

POST /SupplyDelivery/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produce
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SupplyDelivery/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Query parameters

- return (optional)
  Query Parameter —
PATCH /SupplyDelivery/{id}

instance-patch: Patch a resource instance of type SupplyDelivery by ID (supplyDeliveryIdPatch)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PUT /SupplyDelivery/{id}

update-instance: Update an existing SupplyDelivery instance, or create using a client-assigned ID (supplyDeliveryIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
Request body

**body object** (optional)

*Body Parameter —*

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**

---

**GET /SupplyDelivery/{id}/$validate**  
(supplyDeliveryIdValidateGet)

**Path parameters**

**id** (required)

*Path Parameter — The resource ID default: null*

**Query parameters**

**resource** (optional)

*Query Parameter —*

**mode** (optional)

*Query Parameter —*

**profile** (optional)

*Query Parameter —*

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**

---

**GET /SupplyDelivery/$meta**  
(supplyDeliveryMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

**return** (optional)

*Query Parameter —*
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /SupplyDelivery
(create-type: Create a new SupplyDelivery instance (supplyDeliveryPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SupplyDelivery/$validate
(supplyDeliveryValidateGet)

Query parameters

- resource (optional)
  Query Parameter —
- mode (optional)
  Query Parameter —
- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
Responses
200
Success **Object**

**SupplyRequest**

**POST /SupplyRequest/$expunge**

*(supplyRequestExpungePost)*

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

**body object** *(optional)*

- **Body Parameter**

**Return type**

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

**GET /SupplyRequest**

*search-type: Search for SupplyRequest instances (supplyRequestGet)*

This is a search type

**Query parameters**

- **date** *(optional)*

- **Query Parameter**

Multiple Resources:

- **AllergyIntolerance**: Date first version of the resource instance was recorded
- **CarePlan**: Time period plan covers
- **CareTeam**: Time period team covers
- **ClinicalImpression**: When the assessment was documented
- **Composition**: Composition editing time
- **Consent**: When this Consent was created or indexed
- **DiagnosticReport**: The clinically relevant time of the report
- **Encounter**: A date within the period the Encounter lasted
- **EpisodeOfCare**: The provided date search value falls within the episode of care's period
- **FamilyMemberHistory**: When history was recorded or last updated
- **Flag**: Time period when flag is active
- **Immunization**: Vaccination (non)-Administration Date
- **List**: When the list was prepared
- **Observation**: Obtained date/time. If the obtained element is a period, a date that falls in the period
Procedure: When the procedure was performed
- RiskAssessment: When was assessment made?
- SupplyRequest: When the request was made

requester (optional)

identifier (optional)

Multiple Resources:
- AllergyIntolerance: External Ids for this item
- CarePlan: External Ids for this plan
- CareTeam: External Ids for this team
- Composition: Version-independent identifier for the Composition
- Condition: A unique identifier of the condition record
- Consent: Identifier for this record (external references)
- DetectedIssue: Unique id for the detected issue
- DeviceRequest: Business identifier for request/order
- DiagnosticReport: An identifier for the report
- DocumentManifest: Unique Identifier for the set of documents
- DocumentReference: Master Version Specific Identifier
- Encounter: Identifier(s) by which this encounter is known
- EpisodeOfCare: Business Identifier(s) relevant for this EpisodeOfCare
- FamilyMemberHistory: A search by a record identifier
- Goal: External Ids for this goal
- ImagingStudy: Identifiers for the Study, such as DICOM Study Instance UID and Accession number
- Immunization: Business identifier
- List: Business identifier
- MedicationAdministration: Return administrations with this external identifier
- MedicationDispense: Returns dispenses with this external identifier
- MedicationRequest: Return prescriptions with this external identifier
- MedicationStatement: Return statements with this external identifier
- NutritionOrder: Return nutrition orders with this external identifier
- Observation: The unique id for a particular observation
- Procedure: A unique identifier for a procedure
- RiskAssessment: Unique identifier for the assessment
- ServiceRequest: Identifiers assigned to this order
- SupplyDelivery: External identifier
- SupplyRequest: Business Identifier for SupplyRequest
- VisionPrescription: Return prescriptions with this external identifier

subject (optional)

_lastUpdated (optional)

_security (optional)

_filter (optional)

_profile (optional)

_tag (optional)

supplier (optional)

_has (optional)

_source (optional)

_id (optional)
_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

category (optional)
Query Parameter — The kind of supply (central, non-stock, etc.)

status (optional)
Query Parameter — draft | active | suspended +

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /SupplyRequest/_history

type-history: Fetch the resource change history for all resources of type SupplyRequest (supplyRequestHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /SupplyRequest/{id}

instance-delete: Perform a logical delete on a resource instance (supplyRequestIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
### POST /SupplyRequest/{id}/$expunge

**(supplyRequestIdExpungePost)**

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>(required)</td>
</tr>
</tbody>
</table>

**Path Parameter** — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>body</td>
<td>object (optional)</td>
</tr>
</tbody>
</table>

**Body Parameter** —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
</tr>
</tbody>
</table>

### GET /SupplyRequest/{id}

**read-instance:** Read SupplyRequest instance (supplyRequestIdGet)

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>(required)</td>
</tr>
</tbody>
</table>

**Path Parameter** — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
</tr>
</tbody>
</table>

### GET /SupplyRequest/{id}/_history

**instance-history:** Fetch the resource change history for all resources of type SupplyRequest (supplyRequestIdHistoryGet)

**Path parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>(required)</td>
</tr>
</tbody>
</table>

**Path Parameter** — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

<table>
<thead>
<tr>
<th>Status Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>Success Object</td>
</tr>
</tbody>
</table>
### GET /SupplyRequest/{id}/_history/{version_id}

**vread-instance:** Read SupplyRequest instance with specific version ([supplyRequestIdHistoryVersionIdGet](#))

**Path parameters**

- **id** *(required)*
  - *Path Parameter* — The resource ID default: null

- **version_id** *(required)*
  - *Path Parameter* — The resource version ID default: null

**Return type**

- **Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- **200**
  - Success **Object**

---

### POST /SupplyRequest/{id}/$meta-add

([supplyRequestIdMetaAddPost](#))

**Add tags, profiles, and/or security labels to a resource**

**Path parameters**

- **id** *(required)*
  - *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body** *(optional)*
POST /SupplyRequest/{id}/$meta-delete

Delete tags, profiles, and/or security labels from a resource

Path parameters

- id (required)
  
  Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  
  Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /SupplyRequest/{id}/$meta

Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters

- id (required)
  
  Path Parameter — The resource ID default: null

Query parameters

https://10.2.2.41/api-doc/
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /SupplyRequest/{id}

instance-patch: Patch a resource instance of type SupplyRequest by ID (supplyRequestIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /SupplyRequest/{id}

update-instance: Update an existing SupplyRequest instance, or create using a client-assigned ID (supplyRequestIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
**GET /SupplyRequest/{id}/$validate**

**Path parameters**

- id (required)
  
**Query parameters**

- resource (optional)
- mode (optional)
- profile (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object

---

**GET /SupplyRequest/$meta**

**Query parameters**

- return (optional)

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success Object
POST /SupplyRequest
create-type: Create a new SupplyRequest instance (supplyRequestPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /SupplyRequest/$validate
(supplyRequestValidateGet)

Query parameters

- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

SystemLevelOperations

GET /$export
(exportGet)

Query parameters

_outputFormat (optional)
Query Parameter —

_type (optional)
Query Parameter —

_since (optional)
Query Parameter —

_typeFilter (optional)
Query Parameter —

_mdm (optional)
Query Parameter —

patient (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /$export-poll-status
(exportPollStatusGet)

Query parameters

_jobId (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST  /$expunge
(expungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /$get-resource-counts
(getResourceCountsGet)

Provides the number of resources currently stored on the server, broken down by resource type

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /_history
(historyGet)

server-history: Fetch the resource change history across all resource types on the server

Return type
Object

Produces
POST  /$mark-all-resources-for-reindexing

(markAllResourcesForReIndexingPost)

Marks all currently existing resources of a given type, or all resources of all types, for reindexing.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET  /$meta

(metaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object
### GET /metadata

**server-capabilities:** Fetch the server FHIR CapabilityStatement (metadataGet)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

### POST /$perform-reindexing-pass

**(performReindexingPassPost)**
Forces a single pass of the resource reindexing processor

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

### POST /$process-message

**(processMessagePost)**
Accept a FHIR Message Bundle for processing

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- body **object** (optional)

Body Parameter —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /$reindex
(reindexPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /$reindex-terminology
(reindexTerminologyPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
POST /server-transaction: Execute a FHIR Transaction (or FHIR Batch) Bundle (rootPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

Task

POST /Task/$expunge (taskExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
GET /Task

search-type: Search for Task instances (taskGet)

This is a search type

Query parameters

code (optional)
Query Parameter — Search by task code

subject (optional)
Query Parameter — Search by subject

_lastUpdated (optional)
Query Parameter — When the resource version last changed

focus (optional)
Query Parameter — Search by task focus

part-of (optional)
Query Parameter — Search by task this task is part of

group-identifier (optional)
Query Parameter — Search by group identifier

based-on (optional)
Query Parameter — Search by requests this task is based on

patient (optional)
Query Parameter — Search by patient

modified (optional)
Query Parameter — Search by last modification date

owner (optional)
Query Parameter — Search by task owner

requester (optional)
Query Parameter — Search by task requester

business-status (optional)
Query Parameter — Search by business status

identifier (optional)
Query Parameter — Search for a task instance by its business identifier

period (optional)
Query Parameter — Search by period Task is/was underway

performer (optional)
Query Parameter — Search by recommended type of performer (e.g., Requester, Performer, Scheduler).

_security (optional)
Query Parameter — Security Labels applied to this resource

encounter (optional)
Query Parameter — Search by encounter

authored-on (optional)
Query Parameter — Search by creation date

priority (optional)
Query Parameter — Search by task priority

intent (optional)
Query Parameter — Search by task intent

_filter (optional)
Query Parameter — Search the contents of the resource’s data using a filter

_profile (optional)
Query Parameter — Profiles this resource claims to conform to
_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — Search by task status

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Task/_history

type-history: Fetch the resource change history for all resources of type Task (taskHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

DELETE /Task/{id}

instance-delete: Perform a logical delete on a resource instance (taskIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200**

Success **Object**

---

**POST /Task/{id}/$expunge**

(taskIdExpungePost)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body** *(object)* *(optional)*
  
  *Body Parameter* — 

**Return type**

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200**

Success **Object**

---

**GET /Task/{id}**

read-instance: Read Task instance (taskIdGet)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Return type**

**Object**

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

**200**

Success **Object**
GET /Task/{id}/_history

Instance-history: Fetch the resource change history for all resources of type Task (taskIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Task/{id}/_history/{version_id}

vread-instance: Read Task instance with specific version (taskIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null
version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Task/{id}/$meta-add
(taskIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /Task/{id}$/meta-delete
(taskIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)

Path Parameter – The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter –

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /Task/{id}$/meta
(taskIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance.
PATCH /Task/{id}

instance-patch: Patch a resource instance of type Task by ID (taskIdPatch)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

PUT /Task/{id}

update-instance: Update an existing Task instance, or create using a client-assigned ID (taskIdPut)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200 Success Object
**GET /Task/{id}/$validate**

**Path parameters**

- **id (required)**
  - *Path Parameter* — The resource ID default: null

**Query parameters**

- **resource (optional)**
  - *Query Parameter* —
- **mode (optional)**
  - *Query Parameter* —
- **profile (optional)**
  - *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success **Object**
### GET /Task/$meta
(taskMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Query parameters**

- `return (optional)`

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success [Object](#)

### POST /Task
(create-type: Create a new Task instance (taskPost))

**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- `body [object] (optional)`

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

- 200 Success [Object](#)

### GET /Task/$validate
(taskValidateGet)

**Query parameters**

- `resource (optional)`
- `mode (optional)`

**Query Parameter**

- `mode (optional)`
Run this API call:

**POST /TerminologyCapabilities/$expunge**
(TerminologyCapabilitiesExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body **object** (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

- **200**
  - Success **Object**

**GET /TerminologyCapabilities**
(TerminologyCapabilitiesGet)

This is a search type

Query parameters

- **date** (optional)

Multiple Resources:

- **CapabilityStatement**: The capability statement publication date
- **CodeSystem**: The code system publication date
CompartmentDefinition: The compartment definition publication date
ConceptMap: The concept map publication date
GraphDefinition: The graph definition publication date
ImplementationGuide: The implementation guide publication date
MessageDefinition: The message definition publication date
NamingSystem: The naming system publication date
OperationDefinition: The operation definition publication date
SearchParameter: The search parameter publication date
StructureDefinition: The structure definition publication date
StructureMap: The structure map publication date
TerminologyCapabilities: The terminology capabilities publication date
ValueSet: The value set publication date

context-type-value (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: A use context type and value assigned to the capability statement
- CodeSystem: A use context type and value assigned to the code system
- CompartmentDefinition: A use context type and value assigned to the compartment definition
- ConceptMap: A use context type and value assigned to the concept map
- GraphDefinition: A use context type and value assigned to the graph definition
- ImplementationGuide: A use context type and value assigned to the implementation guide
- MessageDefinition: A use context type and value assigned to the message definition
- NamingSystem: A use context type and value assigned to the naming system
- OperationDefinition: A use context type and value assigned to the operation definition
- SearchParameter: A use context type and value assigned to the search parameter
- StructureDefinition: A use context type and value assigned to the structure definition
- StructureMap: A use context type and value assigned to the structure map
- TerminologyCapabilities: A use context type and value assigned to the terminology capabilities
- ValueSet: A use context type and value assigned to the value set

_lastUpdated (optional)
Query Parameter — When the resource version last changed

jurisdiction (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: Intended jurisdiction for the capability statement
- CodeSystem: Intended jurisdiction for the code system
- ConceptMap: Intended jurisdiction for the concept map
- GraphDefinition: Intended jurisdiction for the graph definition
- ImplementationGuide: Intended jurisdiction for the implementation guide
- MessageDefinition: Intended jurisdiction for the message definition
- NamingSystem: Intended jurisdiction for the naming system
- OperationDefinition: Intended jurisdiction for the operation definition
- SearchParameter: Intended jurisdiction for the search parameter
- StructureDefinition: Intended jurisdiction for the structure definition
- StructureMap: Intended jurisdiction for the structure map
- TerminologyCapabilities: Intended jurisdiction for the terminology capabilities
- ValueSet: Intended jurisdiction for the value set

_security (optional)
Query Parameter — Security Labels applied to this resource

description (optional)
Query Parameter —

Multiple Resources:
- CapabilityStatement: The description of the capability statement
- CodeSystem: The description of the code system
- CompartmentDefinition: The description of the compartment definition
- ConceptMap: The description of the concept map
- GraphDefinition: The description of the graph definition
- ImplementationGuide: The description of the implementation guide
context-type (optional)

Query Parameter

Multiple Resources:

- **CapabilityStatement**: A type of use context assigned to the capability statement
- **CodeSystem**: A type of use context assigned to the code system
- **CompartmentDefinition**: A type of use context assigned to the compartment definition
- **ConceptMap**: A type of use context assigned to the concept map
- **ImplementationGuide**: A type of use context assigned to the implementation guide
- **MessageDefinition**: A type of use context assigned to the message definition
- **NamingSystem**: A type of use context assigned to the naming system
- **OperationDefinition**: A type of use context assigned to the operation definition
- **SearchParameter**: A type of use context assigned to the search parameter
- **StructureDefinition**: A type of use context assigned to the structure definition
- **StructureMap**: A type of use context assigned to the structure map
- **TerminologyCapabilities**: A type of use context assigned to the terminology capabilities
- **ValueSet**: A type of use context assigned to the value set

title (optional)

Query Parameter

Multiple Resources:

- **CapabilityStatement**: The human-friendly name of the capability statement
- **CodeSystem**: The human-friendly name of the code system
- **ConceptMap**: The human-friendly name of the concept map
- **ImplementationGuide**: The human-friendly name of the implementation guide
- **MessageDefinition**: The human-friendly name of the message definition
- **NamingSystem**: The human-friendly name of the naming system
- **OperationDefinition**: The human-friendly name of the operation definition
- **SearchParameter**: The human-friendly name of the search parameter
- **StructureDefinition**: The human-friendly name of the structure definition
- **StructureMap**: The human-friendly name of the structure map
- **TerminologyCapabilities**: The human-friendly name of the terminology capabilities
- **ValueSet**: The human-friendly name of the value set

version (optional)

Query Parameter

Multiple Resources:

- **CapabilityStatement**: The business version of the capability statement
- **CodeSystem**: The business version of the code system
- **CompartmentDefinition**: The business version of the compartment definition
- **ConceptMap**: The business version of the concept map
- **ImplementationGuide**: The business version of the implementation guide
- **MessageDefinition**: The business version of the message definition
- **NamingSystem**: The business version of the naming system
- **OperationDefinition**: The business version of the operation definition
- **SearchParameter**: The business version of the search parameter
- **StructureDefinition**: The business version of the structure definition
- **StructureMap**: The business version of the structure map
- **TerminologyCapabilities**: The business version of the terminology capabilities
- **ValueSet**: The business version of the value set

url (optional)

Query Parameter

Multiple Resources:

- **CapabilityStatement**: The business version of the capability statement
- **CodeSystem**: The business version of the code system
- **CompartmentDefinition**: The business version of the compartment definition
- **ConceptMap**: The business version of the concept map
- **ImplementationGuide**: The business version of the implementation guide
- **MessageDefinition**: The business version of the message definition
- **NamingSystem**: The business version of the naming system
- **OperationDefinition**: The business version of the operation definition
- **SearchParameter**: The business version of the search parameter
- **StructureDefinition**: The business version of the structure definition
- **StructureMap**: The business version of the structure map
- **TerminologyCapabilities**: The business version of the terminology capabilities
- **ValueSet**: The business version of the value set
**CapabilityStatement**: The uri that identifies the capability statement

**CodeSystem**: The uri that identifies the code system

**CompartmentDefinition**: The uri that identifies the compartment definition

**ConceptMap**: The uri that identifies the concept map

**GraphDefinition**: The uri that identifies the graph definition

**ImplementationGuide**: The uri that identifies the implementation guide

**MessageDefinition**: The uri that identifies the message definition

**OperationDefinition**: The uri that identifies the operation definition

**SearchParameter**: The uri that identifies the search parameter

**StructureDefinition**: The uri that identifies the structure definition

**TerminologyCapabilities**: The uri that identifies the terminology capabilities

**ValueSet**: The uri that identifies the value set

*_filter (optional)*

*Query Parameter* — Search the contents of the resource's data using a filter

**context-quantity** (optional)

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: A quantity- or range-valued use context assigned to the capability statement
  - _CodeSystem_: A quantity- or range-valued use context assigned to the code system
  - _CompartmentDefinition_: A quantity- or range-valued use context assigned to the compartment definition
  - _ConceptMap_: A quantity- or range-valued use context assigned to the concept map
  - _GraphDefinition_: A quantity- or range-valued use context assigned to the graph definition
  - _ImplementationGuide_: A quantity- or range-valued use context assigned to the implementation guide
  - _MessageDefinition_: A quantity- or range-valued use context assigned to the message definition
  - _NamingSystem_: A quantity- or range-valued use context assigned to the naming system
  - _OperationDefinition_: A quantity- or range-valued use context assigned to the operation definition
  - _SearchParameter_: A quantity- or range-valued use context assigned to the search parameter
  - _StructureDefinition_: A quantity- or range-valued use context assigned to the structure definition
  - _StructureMap_: A quantity- or range-valued use context assigned to the structure map
  - _TerminologyCapabilities_: A quantity- or range-valued use context assigned to the terminology capabilities
  - _ValueSet_: A quantity- or range-valued use context assigned to the value set

*_profile (optional)*

*Query Parameter* — Profiles this resource claims to conform to

*_tag (optional)*

*Query Parameter* — Tags applied to this resource

*_has (optional)*

*Query Parameter* — Return resources linked to by the given target

**context (optional)**

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: A use context assigned to the capability statement
  - _CodeSystem_: A use context assigned to the code system
  - _CompartmentDefinition_: A use context assigned to the compartment definition
  - _ConceptMap_: A use context assigned to the concept map
  - _GraphDefinition_: A use context assigned to the graph definition
  - _ImplementationGuide_: A use context assigned to the implementation guide
  - _MessageDefinition_: A use context assigned to the message definition
  - _NamingSystem_: A use context assigned to the naming system
  - _OperationDefinition_: A use context assigned to the operation definition
  - _SearchParameter_: A use context assigned to the search parameter
  - _StructureDefinition_: A use context assigned to the structure definition
  - _StructureMap_: A use context assigned to the structure map
  - _TerminologyCapabilities_: A use context assigned to the terminology capabilities
  - _ValueSet_: A use context assigned to the value set

https://10.2.2.41/api-doc/
name (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: Computationally friendly name of the capability statement
- **CodeSystem**: Computationally friendly name of the code system
- **CompartmentDefinition**: Computationally friendly name of the compartment definition
- **ConceptMap**: Computationally friendly name of the concept map
- **GraphDefinition**: Computationally friendly name of the graph definition
- **ImplementationGuide**: Computationally friendly name of the implementation guide
- **MessageDefinition**: Computationally friendly name of the message definition
- **NamingSystem**: Computationally friendly name of the naming system
- **OperationDefinition**: Computationally friendly name of the operation definition
- **SearchParameter**: Computationally friendly name of the search parameter
- **StructureDefinition**: Computationally friendly name of the structure definition
- **StructureMap**: Computationally friendly name of the structure map
- **TerminologyCapabilities**: Computationally friendly name of the terminology capabilities
- **ValueSet**: Computationally friendly name of the value set

publisher (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: Name of the publisher of the capability statement
- **CodeSystem**: Name of the publisher of the code system
- **CompartmentDefinition**: Name of the publisher of the compartment definition
- **ConceptMap**: Name of the publisher of the concept map
- **GraphDefinition**: Name of the publisher of the graph definition
- **ImplementationGuide**: Name of the publisher of the implementation guide
- **MessageDefinition**: Name of the publisher of the message definition
- **NamingSystem**: Name of the publisher of the naming system
- **OperationDefinition**: Name of the publisher of the operation definition
- **SearchParameter**: Name of the publisher of the search parameter
- **StructureDefinition**: Name of the publisher of the structure definition
- **StructureMap**: Name of the publisher of the structure map
- **TerminologyCapabilities**: Name of the publisher of the terminology capabilities
- **ValueSet**: Name of the publisher of the value set

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

custom-Type-Quantity (optional)
Query Parameter —

Multiple Resources:
- **CapabilityStatement**: A use context type and quantity- or range-based value assigned to the capability statement
- **CodeSystem**: A use context type and quantity- or range-based value assigned to the code system
- **CompartmentDefinition**: A use context type and quantity- or range-based value assigned to the compartment definition
- **ConceptMap**: A use context type and quantity- or range-based value assigned to the concept map
- **GraphDefinition**: A use context type and quantity- or range-based value assigned to the graph definition
- **ImplementationGuide**: A use context type and quantity- or range-based value assigned to the implementation guide
- **MessageDefinition**: A use context type and quantity- or range-based value assigned to the message definition
### HAPI FHIR Server

**GET /TerminologyCapabilities/_history**

**Description:** Fetch the resource change history for all resources of type TerminologyCapabilities.

**Request:**

```
GET /TerminologyCapabilities/_history
```

**Response:**

- **200 Success**

**Produces:**

- `application/fhir+json`
- `application/fhir+xml`
DELETE /TerminologyCapabilities/{id}

instance-delete: Perform a logical delete on a resource instance (terminologyCapabilitiesIdDelete)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /TerminologyCapabilities/{id}/$expunge

(terminologyCapabilitiesIdExpungePost)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /TerminologyCapabilities/{id}

read-instance: Read TerminologyCapabilities instance (terminologyCapabilitiesIdGet)

Path parameters
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /TerminologyCapabilities/{id}/_history**

*instance-history: Fetch the resource change history for all resources of type TerminologyCapabilities*

(terminologyCapabilitiesIdHistoryGet)

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

---

**GET /TerminologyCapabilities/{id}/_history/{version_id}**

*vread-instance: Read TerminologyCapabilities instance with specific version*

(terminologyCapabilitiesIdHistoryVersionIdGet)

Path parameters

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

- **version_id (required)**
  
  *Path Parameter* — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
POST /TerminologyCapabilities/{id}/$meta-add

(terminologyCapabilitiesIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces

Responses

200
Success Object

POST /TerminologyCapabilities/{id}/$meta-delete

(terminologyCapabilitiesIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces

Responses

200
Success Object
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

### GET /TerminologyCapabilities/{id}/$meta

(terminologyCapabilitiesIdMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Query parameters**

- **return** (optional)
  
  *Query Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200
Success **Object**

### PATCH /TerminologyCapabilities/{id}

(instance-patch: Patch a resource instance of type TerminologyCapabilities by ID (terminologyCapabilitiesIdPatch))

**Path parameters**

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

**Request body**

- **body** *object* (optional)
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
PUT /TerminologyCapabilities/{id}

update-instance: Update an existing TerminologyCapabilities instance, or create using a client-assigned ID
(terminologyCapabilitiesIdPut)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /TerminologyCapabilities/{id}/$validate

(terminologyCapabilitiesIdValidateGet)

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Query parameters

- resource (optional)
  Query Parameter —

- mode (optional)
  Query Parameter —

- profile (optional)
  Query Parameter —
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

GET /TerminologyCapabilities/$meta
(terminologyCapabilitiesMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

- return (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

---

POST /TerminologyCapabilities
(create-type: Create a new TerminologyCapabilities instance (terminologyCapabilitiesPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
GET /TerminologyCapabilities/$validate

(terminologyCapabilitiesValidateGet)

Query parameters
resource (optional)
  Query Parameter

mode (optional)
  Query Parameter

profile (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

TestReport

POST /TestReport/$expunge

(testReportExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
  Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /TestReport

search-type: Search for TestReport instances (testReportGet)

This is a search type

Query parameters

identifier (optional)
Query Parameter — An external identifier for the test report

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_security (optional)
Query Parameter — Security Labels applied to this resource
tester (optional)
Query Parameter — The name of the testing organization

participant (optional)
Query Parameter — The reference to a participant in the test execution

_filter (optional)
Query Parameter — Search the contents of the resource’s data using a filter

result (optional)
Query Parameter — The result disposition of the test execution

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact
testscript (optional)
Query Parameter — The test script executed to produce this report

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

issued (optional)
Query Parameter — The test report generation date

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
type-history: Fetch the resource change history for all resources of type TestReport (testReportHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

DELETE /TestReport/{id}

instance-delete: Perform a logical delete on a resource instance (testReportIdDelete)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /TestReport/{id}/$expunge

(testReportIdExpungePost)

Path parameters
id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
  body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /TestReport/{id}

read-instance: Read TestReport instance (testReportIdGet)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /TestReport/{id}/_history

instance-history: Fetch the resource change history for all resources of type TestReport (testReportIdHistoryGet)

Path parameters
id (required)

Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /TestReport/{id}/_history/{version_id}

vread-instance: Read TestReport instance with specific version (testReportIdHistoryVersionIdGet)

Path parameters
id (required)

Path Parameter — The resource ID default: null

version_id (required)
POST /TestReport/{id}/$meta-add
(testReportIdMetaAddPost)
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /TestReport/{id}/$meta-delete
(testReportIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
GET /TestReport/{id}/$meta
(testReportIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /TestReport/{id}
(testReportIdPatch)
instance-patch: Patch a resource instance of type TestReport by ID

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
PUT /TestReport/{id}

update-instance: Update an existing TestReport instance, or create using a client-assigned ID (testReportIdPut)

Path parameters
- id (required)
  - Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
  - Body Parameter —

Return type
- Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
- Success Object

GET /TestReport/{id}/$validate

(testReportIdValidateGet)

Path parameters
- id (required)
  - Path Parameter — The resource ID default: null
Query parameters
resource (optional)
Query Parameter —
mode (optional)
Query Parameter —
profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /TestReport/$meta
(testReportMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /TestReport
(create-type: Create a new TestReport instance (testReportPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)
Body Parameter —
HAPI FHIR Server

GET /TestReport/$validate
(testReportValidateGet)

Query parameters

- resource (optional)
  
- mode (optional)
  
- profile (optional)
  
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

TestScript

POST /TestScript/$expunge
(testScriptExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

Request body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**GET /TestScript**

**search-type:** Search for TestScript instances ([testScriptGet](#))

This is a search type

**Query parameters**

- **date (optional)**
  *Query Parameter* — The test script publication date

- **context-type-value (optional)**
  *Query Parameter* — A use context type and value assigned to the test script

- **lastUpdated (optional)**
  *Query Parameter* — When the resource version last changed

- **jurisdiction (optional)**
  *Query Parameter* — Intended jurisdiction for the test script

- **description (optional)**
  *Query Parameter* — The description of the test script

- **testscript-capability (optional)**
  *Query Parameter* — TestScript required and validated capability

- **context-type (optional)**
  *Query Parameter* — A type of use context assigned to the test script

- **title (optional)**
  *Query Parameter* — The human-friendly name of the test script

- **context-quantity (optional)**
  *Query Parameter* — A quantity- or range-valued use context assigned to the test script

- **context (optional)**
  *Query Parameter* — A use context assigned to the test script

- **context-type-quantity (optional)**
  *Query Parameter* — A use context type and quantity- or range-based value assigned to the test script

- **identifier (optional)**
  *Query Parameter* — External identifier for the test script

- **security (optional)**
  *Query Parameter* — Security Labels applied to this resource

- **version (optional)**
  *Query Parameter* — The business version of the test script

- **url (optional)**
  *Query Parameter* — The uri that identifies the test script

- **filter (optional)**
  *Query Parameter* — Search the contents of the resource’s data using a filter

- **profile (optional)**
  *Query Parameter* — Profiles this resource claims to conform to

- **tag (optional)**
  *Query Parameter* — Tags applied to this resource

- **has (optional)**
  *Query Parameter* — Return resources linked to by the given target
name (optional)
Query Parameter — Computationally friendly name of the test script

publisher (optional)
Query Parameter — Name of the publisher of the test script

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

status (optional)
Query Parameter — The current status of the test script

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /TestScript/_history

type-history: Fetch the resource change history for all resources of type TestScript (testScriptHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

DELETE /TestScript/{id}

instance-delete: Perform a logical delete on a resource instance (testScriptIdDelete)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
POST /TestScript/{id}$/expunge

Path parameters
id (required)

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body

body object (optional)

Response type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /TestScript/{id}

Path parameters
id (required)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /TestScript/{id}/_history

instance-history: Fetch the resource change history for all resources of type TestScript (testScriptIdHistoryGet)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /TestScript/{id}/_history/{version_id}

vread-instance: Read TestScript instance with specific version (testScriptIdHistoryVersionIdGet)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

version_id (required)
  Path Parameter — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /TestScript/{id}/$meta-add

(testScriptIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
  Path Parameter — The resource ID default: null
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

```
POST /TestScript/{id}/$meta-delete
(testScriptIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters

- id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- body object (optional)
  Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

```
GET /TestScript/{id}/$meta
(testScriptIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance
Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Query parameters

return (optional)

*Query Parameter* —

Return type

Object

Producers

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

PATCH /TestScript/{id}

instance-patch: Patch a resource instance of type TestScript by ID (testScriptIdPatch)

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body **object** (optional)

*Body Parameter* —

Return type

Object

Producers

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

PUT /TestScript/{id}

update-instance: Update an existing TestScript instance, or create using a client-assigned ID (testScriptIdPut)

Path parameters


id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /TestScript/{id}/$validate
(testScriptIdValidateGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

resource (optional)

Query Parameter —

mode (optional)

Query Parameter —

profile (optional)

Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
GET /TestScript/$meta
(testScriptMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
  return (optional)
  Query Parameter —

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

POST /TestScript
(create-type: Create a new TestScript instance (testScriptPost)

Consumes
This API call consumes the following media types via the Content-Type request header:
  - application/fhir+json
  - application/fhir+xml

Request body
  body object (optional)
  Body Parameter —

Return type
Object
Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
  - application/fhir+json
  - application/fhir+xml

Responses
200
Success Object

GET /TestScript/$validate
(testScriptValidateGet)

Query parameters
  resource (optional)
  Query Parameter —
  mode (optional)
### ValueSet

**GET /ValueSet/$expand**

#### Query parameters

- `valueSet` (optional)
- `url` (optional)
- `valueSetVersion` (optional)
- `filter` (optional)
- `context` (optional)
- `contextDirection` (optional)
- `offset` (optional)
- `count` (optional)
- `displayLanguage` (optional)
- `includeHierarchy` (optional)

#### Return type

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**

200

Success [Object](#)
POST /ValueSet/$expunge

(valueSetExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body **object** (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success **Object**

GET /ValueSet

(search-type: Search for ValueSet instances (valueSetGet))

This is a search type

Query parameters

date (optional)

*Query Parameter* —

Multiple Resources:

- **CapabilityStatement**: The capability statement publication date
- **CodeSystem**: The code system publication date
- **CompartmentDefinition**: The compartment definition publication date
- **ConceptMap**: The concept map publication date
- **GraphDefinition**: The graph definition publication date
- **ImplementationGuide**: The implementation guide publication date
- **MessageDefinition**: The message definition publication date
- **OperationDefinition**: The operation definition publication date
- **SearchParameter**: The search parameter publication date
- **StructureDefinition**: The structure definition publication date
- **StructureMap**: The structure map publication date
- **TerminologyCapabilities**: The terminology capabilities publication date
- **ValueSet**: The value set publication date

code (optional)

*Query Parameter* — This special parameter searches for codes in the value set. See additional notes on the ValueSet resource

context-type-value (optional)

*Query Parameter* —
**Multiple Resources:**

- **CapabilityStatement**: A use context type and value assigned to the capability statement
- **CodeSystem**: A use context type and value assigned to the code system
- **CompartmentDefinition**: A use context type and value assigned to the compartment definition
- **ConceptMap**: A use context type and value assigned to the concept map
- **GraphDefinition**: A use context type and value assigned to the graph definition
- **ImplementationGuide**: A use context type and value assigned to the implementation guide
- **MessageDefinition**: A use context type and value assigned to the message definition
- **NamingSystem**: A use context type and value assigned to the naming system
- **OperationDefinition**: A use context type and value assigned to the operation definition
- **SearchParameter**: A use context type and value assigned to the search parameter
- **StructureDefinition**: A use context type and value assigned to the structure definition
- **StructureMap**: A use context type and value assigned to the structure map
- **TerminologyCapabilities**: A use context type and value assigned to the terminology capabilities
- **ValueSet**: A use context type and value assigned to the value set

**_lastUpdated (optional)**

*Query Parameter* — When the resource version last changed

**jurisdiction (optional)**

*Query Parameter* —

**description (optional)**

*Query Parameter* —

**context-type (optional)**

*Query Parameter* —

Multiple Resources:
ImplementationGuide: A type of use context assigned to the implementation guide
MessageDefinition: A type of use context assigned to the message definition
NamingSystem: A type of use context assigned to the naming system
OperationDefinition: A type of use context assigned to the operation definition
SearchParameter: A type of use context assigned to the search parameter
StructureDefinition: A type of use context assigned to the structure definition
StructureMap: A type of use context assigned to the structure map
TerminologyCapabilities: A type of use context assigned to the terminology capabilities
ValueSet: A type of use context assigned to the value set

title (optional)

Query Parameter —

Multiple Resources:
- CapabilityStatement: The human-friendly name of the capability statement
- CodeSystem: The human-friendly name of the code system
- ConceptMap: The human-friendly name of the concept map
- ImplementationGuide: The human-friendly name of the implementation guide
- MessageDefinition: The human-friendly name of the message definition
- OperationDefinition: The human-friendly name of the operation definition
- StructureDefinition: The human-friendly name of the structure definition
- StructureMap: The human-friendly name of the structure map
- TerminologyCapabilities: The human-friendly name of the terminology capabilities
- ValueSet: The human-friendly name of the value set

reference (optional)

Query Parameter — A code system included or excluded in the value set or an imported value set

context-quantity (optional)

Query Parameter —

Multiple Resources:
- CapabilityStatement: A quantity- or range-valued use context assigned to the capability statement
- CodeSystem: A quantity- or range-valued use context assigned to the code system
- CompartmentDefinition: A quantity- or range-valued use context assigned to the compartment definition
- ConceptMap: A quantity- or range-valued use context assigned to the concept map
- GraphDefinition: A quantity- or range-valued use context assigned to the graph definition
- ImplementationGuide: A quantity- or range-valued use context assigned to the implementation guide
- MessageDefinition: A quantity- or range-valued use context assigned to the message definition
- NamingSystem: A quantity- or range-valued use context assigned to the naming system
- OperationDefinition: A quantity- or range-valued use context assigned to the operation definition
- SearchParameter: A quantity- or range-valued use context assigned to the search parameter
- StructureDefinition: A quantity- or range-valued use context assigned to the structure definition
- StructureMap: A quantity- or range-valued use context assigned to the structure map
- TerminologyCapabilities: A quantity- or range-valued use context assigned to the terminology capabilities
- ValueSet: A quantity- or range-valued use context assigned to the value set

category (optional)

Query Parameter —

Multiple Resources:
- CapabilityStatement: A use context assigned to the capability statement
- CodeSystem: A use context assigned to the code system
- CompartmentDefinition: A use context assigned to the compartment definition
- ConceptMap: A use context assigned to the concept map
- GraphDefinition: A use context assigned to the graph definition
- ImplementationGuide: A use context assigned to the implementation guide
- MessageDefinition: A use context assigned to the message definition
- NamingSystem: A use context assigned to the naming system
- OperationDefinition: A use context assigned to the operation definition
- SearchParameter: A use context assigned to the search parameter
- StructureDefinition: A use context assigned to the structure definition
structuremap: A use context assigned to the structure map
- TerminologyCapabilities: A use context assigned to the terminology capabilities
- ValueSet: A use context assigned to the value set

context-type-quantity (optional)

Query Parameter —

Multiple Resources:
- CapabilityStatement: A use context type and quantity- or range-based value assigned to the capability statement
- CodeSystem: A use context type and quantity- or range-based value assigned to the code system
- CompartmentDefinition: A use context type and quantity- or range-based value assigned to the compartment definition
- ConceptMap: A use context type and quantity- or range-based value assigned to the concept map
- GraphDefinition: A use context type and quantity- or range-based value assigned to the graph definition
- ImplementationGuide: A use context type and quantity- or range-based value assigned to the implementation guide
- MessageDefinition: A use context type and quantity- or range-based value assigned to the message definition
- NamingSystem: A use context type and quantity- or range-based value assigned to the naming system
- OperationDefinition: A use context type and quantity- or range-based value assigned to the operation definition
- SearchParameter: A use context type and quantity- or range-based value assigned to the search parameter
- StructureDefinition: A use context type and quantity- or range-based value assigned to the structure definition
- StructureMap: A use context type and quantity- or range-based value assigned to the structure map
- TerminologyCapabilities: A use context type and quantity- or range-based value assigned to the terminology capabilities
- ValueSet: A use context type and quantity- or range-based value assigned to the value set

identifier (optional)

Query Parameter —

Multiple Resources:
- CodeSystem: External identifier for the code system
- ConceptMap: External identifier for the concept map
- MessageDefinition: External identifier for the message definition
- StructureDefinition: External identifier for the structure definition
- StructureMap: External identifier for the structure map
- ValueSet: External identifier for the value set

_security (optional)

Query Parameter — Security Labels applied to this resource

version (optional)

Query Parameter —

Multiple Resources:
- CapabilityStatement: The business version of the capability statement
- CodeSystem: The business version of the code system
- CompartmentDefinition: The business version of the compartment definition
- ConceptMap: The business version of the concept map
- GraphDefinition: The business version of the graph definition
- ImplementationGuide: The business version of the implementation guide
- MessageDefinition: The business version of the message definition
- OperationDefinition: The business version of the operation definition
- SearchParameter: The business version of the search parameter
- StructureDefinition: The business version of the structure definition
- StructureMap: The business version of the structure map
- TerminologyCapabilities: The business version of the terminology capabilities
- ValueSet: The business version of the value set
url (optional)

Query Parameter —

Multiple Resources:

- CapabilityStatement: The uri that identifies the capability statement
- CodeSystem: The uri that identifies the code system
- CompartmentDefinition: The uri that identifies the compartment definition
- ConceptMap: The uri that identifies the concept map
- GraphDefinition: The uri that identifies the graph definition
- ImplementationGuide: The uri that identifies the implementation guide
- MessageDefinition: The uri that identifies the message definition
- OperationDefinition: The uri that identifies the operation definition
- SearchParameter: The uri that identifies the search parameter
- StructureDefinition: The uri that identifies the structure definition
- StructureMap: The uri that identifies the structure map
- TerminologyCapabilities: The uri that identifies the terminology capabilities
- ValueSet: The uri that identifies the value set

expansion (optional)

Query Parameter — Identifies the value set expansion (business identifier)

_filter (optional)

Query Parameter — Search the contents of the resource’s data using a filter

_profile (optional)

Query Parameter — Profiles this resource claims to conform to

_tag (optional)

Query Parameter — Tags applied to this resource

_has (optional)

Query Parameter — Return resources linked to by the given target

name (optional)

Query Parameter —

Multiple Resources:

- CapabilityStatement: Computationally friendly name of the capability statement
- CodeSystem: Computationally friendly name of the code system
- CompartmentDefinition: Computationally friendly name of the compartment definition
- ConceptMap: Computationally friendly name of the concept map
- GraphDefinition: Computationally friendly name of the graph definition
- ImplementationGuide: Computationally friendly name of the implementation guide
- MessageDefinition: Computationally friendly name of the message definition
- NamingSystem: Computationally friendly name of the naming system
- OperationDefinition: Computationally friendly name of the operation definition
- SearchParameter: Computationally friendly name of the search parameter
- StructureDefinition: Computationally friendly name of the structure definition
- StructureMap: Computationally friendly name of the structure map
- TerminologyCapabilities: Computationally friendly name of the terminology capabilities
- ValueSet: Computationally friendly name of the value set

publisher (optional)

Query Parameter —

Multiple Resources:

- CapabilityStatement: Name of the publisher of the capability statement
- CodeSystem: Name of the publisher of the code system
- CompartmentDefinition: Name of the publisher of the compartment definition
- ConceptMap: Name of the publisher of the concept map
- GraphDefinition: Name of the publisher of the graph definition
- ImplementationGuide: Name of the publisher of the implementation guide
- MessageDefinition: Name of the publisher of the message definition
- NamingSystem: Name of the publisher of the naming system
- OperationDefinition: Name of the publisher of the operation definition
- SearchParameter: Name of the publisher of the search parameter
- StructureDefinition: Name of the publisher of the structure definition

https://10.2.2.41/api-doc/
GET /ValueSet/_history

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success **Object**

**type-history:** Fetch the resource change history for all resources of type ValueSet (valueSetHistoryGet)
DELETE /ValueSet/{id}

instance-delete: Perform a logical delete on a resource instance (valueSetIdDelete)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /ValueSet/{id}/$expand

(valueSetIdExpandGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Query parameters

valueSet (optional)

Query Parameter —

url (optional)

Query Parameter —

valueSetVersion (optional)

Query Parameter —

filter (optional)

Query Parameter —

context (optional)

Query Parameter —

contextDirection (optional)

Query Parameter —

offset (optional)

Query Parameter —

count (optional)

Query Parameter —

displayLanguage (optional)

Query Parameter —

includeHierarchy (optional)

Query Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  Success [Object](#)

**POST /ValueSet/{id}/$expunge**

(valueSetIdExpungePost)

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body [object](#) (optional)

*Body Parameter* —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  Success [Object](#)

**GET /ValueSet/{id}**

(read-instance: Read ValueSet instance [valueSetIdGet](#))

Path parameters

id (required)

*Path Parameter* — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200  Success [Object](#)
GET /ValueSet/{id}/_history

instance-history: Fetch the resource change history for all resources of type ValueSet (valueSetIdHistoryGet)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

GET /ValueSet/{id}/_history/{version_id}

vread-instance: Read ValueSet instance with specific version (valueSetIdHistoryVersionIdGet)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

version_id (required)
  Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200 Success Object

POST /ValueSet/{id}/$invalidate-expansion

(valueSetIdInvalidateExpansionPost)

Path parameters

id (required)
  Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
POST /ValueSet/{id}/$meta-add

ValueSetIdMetaAddPost
Add tags, profiles, and/or security labels to a resource

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

POST /ValueSet/{id}/$meta-delete

ValueSetIdMetaDeletePost
Delete tags, profiles, and/or security labels from a resource

Path parameters

id (required)
**Consumes**
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**
- body object (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**GET /ValueSet/{id}/$meta**

(valueSetIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

**Path parameters**
- id (required) — The resource ID default: null

**Query parameters**
- return (optional)

**Return type**
Object

**Produces**
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

**Responses**
200
Success Object

---

**PATCH /ValueSet/{id}**

(instance-patch: Patch a resource instance of type ValueSet by ID (valueSetIdPatch))

**Path parameters**
- id (required)
Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PUT /ValueSet/{id}

update-instance: Update an existing ValueSet instance, or create using a client-assigned ID (valueSetIdPut)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ValueSet/{id}/$validate-code
Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters

url (optional)
Query Parameter

version (optional)
Query Parameter

code (optional)
Query Parameter

display (optional)
Query Parameter

coding (optional)
Query Parameter

codeableConcept (optional)
Query Parameter

result (required)
Query Parameter

message (optional)
Query Parameter

display (optional)
Query Parameter

valueSetVersion (optional)
Query Parameter

system (optional)
Query Parameter

systemVersion (optional)
Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /ValueSet/{id}/$validate

Path parameters

id (required)
Path Parameter — The resource ID default: null

Query parameters
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ValueSet/$meta
(valueSetMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /ValueSet
(create-type: Create a new ValueSet instance (valueSetPost))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /ValueSet/$validate-code
(valueSetValidateCodeGet)

Query parameters

- url (optional)
  Query Parameter
- version (optional)
  Query Parameter
- code (optional)
  Query Parameter
- display (optional)
  Query Parameter
- coding (optional)
  Query Parameter
- codeableConcept (optional)
  Query Parameter
- result (required)
  Query Parameter
- message (optional)
  Query Parameter
- display (optional)
  Query Parameter
- valueSetVersion (optional)
  Query Parameter
- system (optional)
  Query Parameter
- systemVersion (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /ValueSet/$validate

(valueSetValidateGet)

Query parameters

- resource (optional)
  Query Parameter —

- mode (optional)
  Query Parameter —

- profile (optional)
  Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

VerificationResult

POST /VerificationResult/$expunge

(verificationResultExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /VerificationResult

(search-type: Search for VerificationResult instances (verificationResultGet)
This is a search type)
Query parameters

_profile (optional)
Query Parameter — Profiles this resource claims to conform to

_lastUpdated (optional)
Query Parameter — When the resource version last changed

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_security (optional)
Query Parameter — Security Labels applied to this resource

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

target (optional)
Query Parameter — A resource that was validated

_filter (optional)
Query Parameter — Search the contents of the resource's data using a filter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /VerificationResult/_history

Get resource change history for all resources of type VerificationResult (verificationResultHistoryGet)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

DELETE /VerificationResult/{id}
instance-delete: perform a logical delete on a resource instance

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

- **200 Success**

---

**POST /VerificationResult/{id}/$expunge**

(verificationResultIdExpungePost)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

**Request body**

- **body object (optional)**
  
  *Body Parameter* —

**Return type**

Object

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header:

- application/fhir+json
- application/fhir+xml

**Responses**

- **200 Success**

---

**GET /VerificationResult/{id}**

read-instance: Read VerificationResult instance

(verificationResultIdGet)

**Path parameters**

- **id (required)**
  
  *Path Parameter* — The resource ID default: null
Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /VerificationResult/{id}/_history

Instance-history: Fetch the resource change history for all resources of type VerificationResult (verificationResultIdHistoryGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /VerificationResult/{id}/_history/{version_id}

vread-instance: Read VerificationResult instance with specific version (verificationResultIdHistoryVersionIdGet)

Path parameters
id (required)
Path Parameter — The resource ID default: null

version_id (required)
Path Parameter — The resource version ID default: null

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
POST /VerificationResult/{id}/$meta-add

(verificationResultIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

---

POST /VerificationResult/{id}/$meta-delete

(verificationResultIdMetaDeletePost)

Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /VerificationResult/{id}/$meta

(verificationResultIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

PATCH /VerificationResult/{id}

(instance-patch: Patch a resource instance of type VerificationResult by ID (verificationResultIdPatch))

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
PUT /VerificationResult/{id}

update-instance: Update an existing VerificationResult instance, or create using a client-assigned ID
 verifica tionResultIdPut)

Path parameters

   id (required)
   Path Parameter — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

   body object (optional)
   Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /VerificationResult/{id}/$validate

(verificationResultIdValidateGet)

Path parameters

   id (required)
   Path Parameter — The resource ID default: null

Query parameters

   resource (optional)
   Query Parameter —

   mode (optional)
   Query Parameter —

   profile (optional)
   Query Parameter —

Return type

Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /VerificationResult/$meta
(verificationResultMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters
- return (optional)
  Query Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

POST /VerificationResult
create-type: Create a new VerificationResult instance (verificationResultPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body
- body object (optional)
  Body Parameter

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses
200
Success Object
GET /VerificationResult/$validate

(verificationResultValidateGet)

Query parameters

- resource (optional)
- mode (optional)
- profile (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

VisionPrescription

POST /VisionPrescription/$expunge

(visionPrescriptionExpungePost)

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body

body object (optional)

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
- application/fhir+xml

Responses
200
Success Object

GET /VisionPrescription

(search-type: Search for VisionPrescription instances (visionPrescriptionGet)
This is a search type

https://10.2.2.41/api-doc/
Query parameters

prescriber (optional)
Query Parameter — Who authorized the vision prescription

identifier (optional)
Query Parameter —

Multiple Resources:

- AllergyIntolerance: External ids for this item
- CarePlan: External ids for this plan
- CareTeam: External Ids for this team
- Composition: Version-independent identifier for the Composition
  - Condition: A unique identifier of the condition record
  - Consent: Identifier for this record (external references)
- DetectedIssue: Unique id for the detected issue
- DeviceRequest: Business identifier for request/order
- DiagnosticReport: An identifier for the report
- DocumentManifest: Unique Identifier for the set of documents
- DocumentReference: Master Version Specific Identifier
- EpisodeOfCare: Business Identifier(s) relevant for this EpisodeOfCare
- FamilyMemberHistory: A search by a record identifier
- Goal: External Ids for this goal
- ImagingStudy: Identiﬁers for the Study, such as DICOM Study Instance UID and Accession number
- Immunization: Business identifier
- List: Business Identiﬁer
- MedicationAdministration: Return administrations with this external identiﬁer
- MedicationDispense: Returns dispenses with this external identiﬁer
- MedicationRequest: Return prescriptions with this external identiﬁer
- MedicationStatement: Return statements with this external identiﬁer
- NutritionOrder: Return nutrition orders with this external identiﬁer
- Observation: The unique id for a particular observation
- Procedure: A unique identiﬁer for a procedure
- RiskAssessment: Unique identiﬁer for the assessment
- ServiceRequest: Identiﬁers assigned to this order
- SupplyDelivery: External Identiﬁer
- SupplyRequest: Business Identiﬁer for SupplyRequest
- VisionPrescription: Return prescriptions with this external identiﬁer

_lastUpdated (optional)
Query Parameter — When the resource version last changed

datatwritten (optional)
Query Parameter — Return prescriptions written on this date

_security (optional)
Query Parameter — Security Labels applied to this resource

counter (optional)
Query Parameter —

Multiple Resources:

- Composition: Context of the Composition
- DeviceRequest: Encounter during which request was created
- DiagnosticReport: The Encounter when the order was made
- DocumentReference: Context of the document content
- Flag: Alert relevance during encounter
- List: Context in which list created
- NutritionOrder: Return nutrition orders with this encounter identiﬁer
- Observation: Encounter related to the observation
  - Procedure: Encounter created as part of
  - RiskAssessment: Where was assessment performed?
- ServiceRequest: An encounter in which this request is made
- VisionPrescription: Return prescriptions with this encounter identiﬁer

_filter (optional)
Query Parameter — Search the contents of the resource’s data using a filter
_profile (optional)
Query Parameter — Profiles this resource claims to conform to

patient (optional)
Query Parameter —

Multiple Resources:

- **AllergyIntolerance**: Who the sensitivity is for
- **CarePlan**: Who the care plan is for
- **CareTeam**: Who care team is for
- **ClinicalImpression**: Patient or group assessed
- **Composition**: Who and/or what the composition is about
- **Condition**: Who has the condition?
- **Consent**: Who the consent applies to
- **DetectedIssue**: Associated patient
- **DeviceRequest**: Individual the service is ordered for
- **DeviceUseStatement**: Search by subject - a patient
- **DiagnosticReport**: The subject of the report if a patient
- **DocumentManifest**: The subject of the set of documents
- **DocumentReference**: Who/what is the subject of the document
- **Encounter**: The patient or group present at the encounter
- **EpisodeOfCare**: The patient who is the focus of this episode of care
- **FamilyMemberHistory**: The identity of a subject to list family member history items for
- **Flag**: The identity of a subject to list flags for
- **Goal**: Who this goal is intended for
- **ImagingStudy**: Who the study is about
- **Immunization**: The patient for the vaccination record
- **List**: If all resources have the same subject
- **MedicationAdministration**: The identity of a patient to list administrations for
- **MedicationDispense**: The identity of a patient to list dispenses for
- **MedicationRequest**: Returns prescriptions for a specific patient
- **MedicationStatement**: Returns statements for a specific patient
- **NutritionOrder**: The identity of the person who requires the diet, formula or nutritional supplement
- **Observation**: The subject that the observation is about (if patient)
- **Procedure**: Search by subject - a patient
- **RiskAssessment**: Who/what does assessment apply to?
- **ServiceRequest**: Search by subject - a patient
- **SupplyDelivery**: Patient for whom the item is supplied
- **VisionPrescription**: The identity of a patient to list dispenses for

_tag (optional)
Query Parameter — Tags applied to this resource

_has (optional)
Query Parameter — Return resources linked to by the given target

_source (optional)
Query Parameter — Identifies where the resource comes from

_id (optional)
Query Parameter — Logical id of this artifact

_text (optional)
Query Parameter — Search on the narrative of the resource

_content (optional)
Query Parameter — Search on the entire content of the resource

status (optional)
Query Parameter — The status of the vision prescription

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
GET /VisionPrescription/_history

- **type-history**: Fetch the resource change history for all resources of type VisionPrescription (visionPrescriptionHistoryGet)

  - **Return type**: Object
  - **Produces**:
    - application/fhir+json
    - application/fhir+xml

DELETE /VisionPrescription/{id}

- **instance-delete**: Perform a logical delete on a resource instance (visionPrescriptionIdDelete)

  - **Path parameters**:
    - id (required)
      - Path Parameter — The resource ID default: null

  - **Return type**: Object
  - **Produces**:
    - application/fhir+json
    - application/fhir+xml

POST /VisionPrescription/{id}/$expunge

- (visionPrescriptionIdExpungePost)

  - **Path parameters**:
    - id (required)
      - Path Parameter — The resource ID default: null

  - **Consumes**:
    - application/fhir+json
Request body

body object (optional)

Body Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /VisionPrescription/{id}

read-instance: Read VisionPrescription instance (visionPrescriptionIdGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success Object

GET /VisionPrescription/{id}/_history

instance-history: Fetch the resource change history for all resources of type VisionPrescription (visionPrescriptionIdHistoryGet)

Path parameters

id (required)

Path Parameter — The resource ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
GET /VisionPrescription/{id}/_history/{version_id}

vread-instance: Read VisionPrescription instance with specific version (visionPrescriptionIdHistoryVersionIdGet)

Path parameters

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

- **version_id** (required)
  
  *Path Parameter* — The resource version ID default: null

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**

---

POST /VisionPrescription/{id}/$meta-add (visionPrescriptionIdMetaAddPost)

Add tags, profiles, and/or security labels to a resource

Path parameters

- **id** (required)
  
  *Path Parameter* — The resource ID default: null

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/fhir+json

Request body

- **body** **object** (optional)
  
  *Body Parameter* —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200

Success **Object**
POST /VisionPrescription/{id}/$meta-delete

(visionPrescriptionIdMetaDeletePost)
Delete tags, profiles, and/or security labels from a resource

Path parameters
id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:
- application/fhir+json

Request body
body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
  application/fhir+xml

Responses
200 Success Object

GET /VisionPrescription/{id}/$meta

(visionPrescriptionIdMetaGet)
Request a list of tags, profiles, and security labels for a specific resource instance

Path parameters
id (required)
Path Parameter — The resource ID default: null

Query parameters
return (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.
- application/fhir+json
  application/fhir+xml

Responses
200 Success Object
PATCH /VisionPrescription/{id}

instance-patch: Patch a resource instance of type VisionPrescription by ID (visionPrescriptionIdPatch)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

PUT /VisionPrescription/{id}

update-instance: Update an existing VisionPrescription instance, or create using a client-assigned ID (visionPrescriptionIdPut)

Path parameters

id (required)
Path Parameter — The resource ID default: null

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)
Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml
GET /VisionPrescription/{id}/$validate

(visionPrescriptionIdValidateGet)

Path parameters

id (required)

— Path Parameter — The resource ID default: null

Query parameters

resource (optional)

— Query Parameter —

mode (optional)

— Query Parameter —

profile (optional)

— Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object

GET /VisionPrescription/$meta

(visionPrescriptionMetaGet)

Request a list of tags, profiles, and security labels for a specific resource instance

Query parameters

return (optional)

— Query Parameter —

Return type

Object

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200
Success Object
POST /VisionPrescription

cREATE: Create a new VisionPrescription instance (visionPrescriptionPost)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/fhir+json
- application/fhir+xml

Request body

body object (optional)

Body Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

GET /VisionPrescription/$validate
(visionPrescriptionValidateGet)

Query parameters

resource (optional)
Query Parameter —

mode (optional)
Query Parameter —

profile (optional)
Query Parameter —

Return type
Object

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/fhir+json
- application/fhir+xml

Responses

200 Success Object

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292. **ImmunizationRecommendation_DateCriterion**
293. **Immunization_Education**
294. **Immunization_Performer**
295. **Immunization_ProtocolApplied**
296. **Immunization_Reaction**
297. **ImplementationGuide**
298. **ImplementationGuide_Definition**
299. **ImplementationGuide_DependsOn**
300. **ImplementationGuide_Global**
301. **ImplementationGuide_Grouping**
302. **ImplementationGuide_Manifest**
303. **ImplementationGuide_Page**
304. **ImplementationGuide_Page1**
305. **ImplementationGuide_Parameter**
306. **ImplementationGuide_Resource**
307. **ImplementationGuide_Template**
308. **InsurancePlan**
309. **InsurancePlan_Benefit**
310. **InsurancePlan_Benefit1**
311. **InsurancePlan_Cost**
312. **InsurancePlan_Coverage**
313. **InsurancePlan_GeneralCost**
314. **InsurancePlan_Limit**
315. **InsurancePlan_Plan**
316. **InsurancePlan_SpecificCost**
317. **Invoice**
318. **Invoice_LineItem**
319. **Invoice_Participant**
320. **Invoice_PriceComponent**
321. **Library**
322. **Linkage**
323. **Linkage_Item**
324. **List**
List_Entry -
Location -
Location_HoursOfOperation -
Location_Position -
MarketingStatus -
Measure -
MeasureReport -
MeasureReport_Component -
MeasureReport_Group -
MeasureReport_Population -
MeasureReport_Population1 -
MeasureReport_Stratifier -
MeasureReport_Stratum -
Measure_Component -
Measure_Group -
Measure_Population -
Measure_Stratifier -
Measure_SupplementalData -
Media -
Medication -
MedicationAdministration -
MedicationAdministration_Dosage -
MedicationAdministration.Performer -
MedicationDispense -
MedicationDispense_Performer -
MedicationDispense_Substitution -
MedicationKnowledge -
MedicationKnowledge_AdministrationGuidelines -
MedicationKnowledge_Cost -
MedicationKnowledge_Dosage -
MedicationKnowledge_DrugCharacteristic -
MedicationKnowledge_Ingredient -
MedicationKnowledge_Kinetics -
MedicationKnowledge_MaxDispense -
MedicationKnowledge_MedicineClassification -
MedicationKnowledge_MonitoringProgram -
MedicationKnowledge_Monograph -
MedicationKnowledge_Packaging -
MedicationKnowledge_PatientCharacteristics -
MedicationKnowledge_Regulatory -
MedicationKnowledge_RelatedMedicationKnowledge -
MedicationKnowledge_Schedule -
MedicationKnowledge_Substitution -
MedicationRequest -
MedicationRequest_DispenseRequest -
MedicationRequest_InitialFill -
MedicationRequest_Substitution -
MedicationStatement -
Medication_Batch -
Medication_Ingredient -
MedicinalProduct -
MedicinalProductAuthorization -
MedicinalProductAuthorization_JurisdictionalAuthorization -
MedicinalProductAuthorization_Procedure -
MedicinalProductContraindication -
MedicinalProductContraindication_OtherTherapy -
MedicinalProductIndication -
MedicinalProductIndication_OtherTherapy -
MedicinalProductIngredient -
MedicinalProductIngredient_ReferenceStrength -
MedicinalProductIngredient_SpecifiedSubstance -
MedicinalProductIngredient_Strength -
MedicinalProductIngredient_Substance -
MedicinalProductInteraction -
MedicinalProductInteraction_Interactant -
SubstanceSpecification_Name -
SubstanceSpecification_Official -
SubstanceSpecification_Property -
SubstanceSpecification_Relationship -
SubstanceSpecification_Representation -
SubstanceSpecification_Structure -
Substance_Ingredient -
Substance_Instance -
SupplyDelivery -
SupplyDelivery_SuppliedItem -
SupplyRequest -
SupplyRequest_Parameter -
Task -
Task_Input -
Task_Output -
Task_Restriciton -
TerminologyCapabilities -
TerminologyCapabilities_Closure -
TerminologyCapabilities_CodeSystem -
TerminologyCapabilities_Expansion -
TerminologyCapabilities_Filter -
TerminologyCapabilities_Implementation -
TerminologyCapabilities_Parameter -
TerminologyCapabilities_Software -
TerminologyCapabilities_Translation -
TerminologyCapabilities_ValidateCode -
TerminologyCapabilities_Version -
TestReport -
TestReport_Action -
TestReport_Action1 -
TestReport_Action2 -
TestReport_Assert -
TestReport_Operation -
TestReport_Paricipant -
TestReport_Setup -
TestReport_TearDown -
TestReport_Test -
TestScript -
TestScript_Action -
TestScript_Action1 -
TestScript_Action2 -
TestScript_Assert -
TestScript_Capability -
TestScript_Destination -
TestScript_Fixture -
TestScript_Link -
TestScript_Metadata -
TestScript_Operation -
TestScript_Origin -
TestScript_RequestHeader -
TestScript_Setup -
TestScript_TearDown -
TestScript_Test -
TestScript_Variable -
Timing -
Timing_Repeat -
TriggerDefinition -
UsageContext -
ValueSet -
ValueSet_Compose -
ValueSet_Concept -
ValueSet_Contains -
ValueSet_Designation -
ValueSet_Expansion -
ValueSet_Filter -
Account -

A financial tool for tracking value accrued for a particular purpose. In the healthcare field, used to track charges for a patient, cost centers, etc.

```json
resourceType

"Account"

this is a Account resource

id (optional)

"String"

Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

"Meta"

implicitRules (optional)

"String"

String of characters used to identify a name or a resource

language (optional)

"String"

A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

text (optional)

"Narrative"

contained (optional)

"array[ResourceList]"

These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

"array[Extension]"

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

"array[Extension]"

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

"array[Identifier]"

Unique identifier used to reference the account. Might or might not be intended for human use (e.g. credit card number).

status (optional)

"String"

Indicates whether the account is presently used/usable or not.
```
status (optional)  
    Element

    type (optional)  
        CodeableConcept

    name (optional)  
        String A sequence of Unicode characters

    _name (optional)  
        Element

    subject (optional)  
        array[Reference] Identifies the entity which incurs the expenses. While the immediate recipients of services or goods might be entities related to the subject, the expenses were ultimately incurred by the subject of the Account.

    servicePeriod (optional)  
        Period

    coverage (optional)  
        array[Account_Coverage] The party(s) that are responsible for covering the payment of this account, and what order should they be applied to the account.

    owner (optional)  
        Reference

    description (optional)  
        String A sequence of Unicode characters

    _description (optional)  
        Element

    guarantor (optional)  
        array[Account_Guarantor] The parties responsible for balancing the account if other payment options fall short.

    partOf (optional)  
        Reference

Account_Coverage -

A financial tool for tracking value accrued for a particular purpose. In the healthcare field, used to track charges for a patient, cost centers, etc.

    id (optional)  
        String A sequence of Unicode characters

    extension (optional)  
        array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

    modifierExtension (optional)  
        array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

    Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
coverage

Reference

priority (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_priority (optional)

Element

Account_Guarantor -

A financial tool for tracking value accrued for a particular purpose. In the healthcare field, used to track charges for a patient, cost centers, etc.

id (optional)

String A sequence of Unicode characters

extension (optional)
ray[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

party

Reference

onHold (optional)

Boolean Value of “true” or “false”

_onHold (optional)

Element

period (optional)

Period

ActivityDefinition -

This resource allows for the definition of some activity to be performed, independent of a particular patient, practitioner, or other performance context.

resourceType

oas_any_type_not_mapped This is a ActivityDefinition resource

id (optional)

String Any combination of letters, numerals, “-“ and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

_implicitRules (optional)

Element

language (optional)
A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

_text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

url (optional)

String String of characters used to identify a name or a resource

_url (optional)

Element

identifier (optional)

array[Identifier] A formal identifier that is used to identify this activity definition when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)

String A sequence of Unicode characters

_version (optional)

Element

name (optional)

String A sequence of Unicode characters

_name (optional)

Element

title (optional)

String A sequence of Unicode characters

_title (optional)

Element

subtitle (optional)

String A sequence of Unicode characters

_subtitle (optional)

Element

status (optional)

String The status of this activity definition. Enables tracking the life-cycle of the content.

Enum:
draft
active
retired
unknown
_status (optional)

**Element**

experimental (optional)

**Boolean** Value of "true" or "false"

_experimental (optional)

**Element**

subjectCodeableConcept (optional)

**CodeableConcept**

subjectReference (optional)

**Reference**

date (optional)

**String** A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)

**Element**
publisher (optional)

**String** A sequence of Unicode characters

_publisher (optional)

**Element**

contact (optional)

`array[ContactDetail]` Contact details to assist a user in finding and communicating with the publisher.

description (optional)

**String** A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)

**Element**

useContext (optional)

`array[UsageContext]` The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate activity definition instances.

_jurisdiction (optional)

`array[CodeableConcept]` A legal or geographic region in which the activity definition is intended to be used.

purpose (optional)

**String** A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_purpose (optional)

**Element**

usage (optional)

**String** A sequence of Unicode characters

_usage (optional)

**Element**

copyright (optional)

**String** A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_copyright (optional)

**Element**

approvalDate (optional)

**String** A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_approvalDate (optional)

**Element**
lastReviewDate (optional)

- String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

-effectivePeriod (optional)

- Element

topic (optional)

- array[CodeableConcept] Descriptive topics related to the content of the activity. Topics provide a high-level categorization of the activity that can be useful for filtering and searching.

author (optional)

- array[ContactDetail] An individual or organization primarily involved in the creation and maintenance of the content.

editor (optional)

- array[ContactDetail] An individual or organization primarily responsible for internal coherence of the content.

reviewer (optional)

- array[ContactDetail] An individual or organization primarily responsible for review of some aspect of the content.

endorser (optional)

- array[ContactDetail] An individual or organization responsible for officially endorsing the content for use in some setting.

relatedArtifact (optional)

- array[RelatedArtifact] Related artifacts such as additional documentation, justification, or bibliographic references.

library (optional)

- array[Resource] A reference to a Library resource containing any formal logic used by the activity definition.

kind (optional)

- String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

-profile (optional)

- Element

code (optional)

- CodeableConcept

intent (optional)

- String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

-priority (optional)

- Element

doNotPerform (optional)

- Boolean Value of "true" or "false"

-timing (optional)

- Element

timingDateTime (optional)

- String The period, timing or frequency upon which the described activity is to occur.
_timingDateTime (optional)

Element

timingAge (optional)
Age

timingPeriod (optional)
Period

timingRange (optional)
Range

timingDuration (optional)
Duration

location (optional)
Reference

participant (optional)
array[ActivityDefinition_Participant] Indicates who should participate in performing the action described.

productReference (optional)
Reference

productCodeableConcept (optional)
CodeableConcept

quantity (optional)
Quantity

dosage (optional)
array[Dosage] Provides detailed dosage instructions in the same way that they are described for MedicationRequest resources.

bodySite (optional)
array[CodeableConcept] Indicates the sites on the subject's body where the procedure should be performed (i.e. the target sites).

specimenRequirement (optional)
array[Reference] Defines specimen requirements for the action to be performed, such as required specimens for a lab test.

observationRequirement (optional)
array[Reference] Defines observation requirements for the action to be performed, such as body weight or surface area.

observationResultRequirement (optional)
array[Reference] Defines the observations that are expected to be produced by the action.

transform (optional)
String A URI that is a reference to a canonical URL on a FHIR resource
dynamicValue (optional)
array[ActivityDefinition_DynamicValue] Dynamic values that will be evaluated to produce values for elements of the resulting resource. For example, if the dosage of a medication must be computed based on the patient's weight, a dynamic value would be used to specify an expression that calculated the weight, and the path on the request resource that would contain the result.

ActivityDefinition_DynamicValue -

This resource allows for the definition of some activity to be performed, independent of a particular patient, practitioner, or other performance context.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

### path (optional)

String A sequence of Unicode characters

### expression

Expression

---

**ActivityDefinition_Participant**

This resource allows for the definition of some activity to be performed, independent of a particular patient, practitioner, or other performance context.

**id (optional)**

String A sequence of Unicode characters

**extension (optional)**

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**type (optional)**

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**role (optional)**

CodeableConcept

---

**Address**

An address expressed using postal conventions (as opposed to GPS or other location definition formats). This data type may be used to convey addresses for use in delivering mail as well as for visiting locations which might not be valid for mail delivery. There are a variety of postal address formats defined around the world.

**id (optional)**

String A sequence of Unicode characters

**extension (optional)**

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

use (optional)

`String` The purpose of this address.

Enum:
- home
- work
- temp
- old
- billing

_use (optional)

`Element`

type (optional)

`String` Distinguishes between physical addresses (those you can visit) and mailing addresses (e.g. PO boxes and care-of addresses). Most addresses are both.

Enum:
- postal
- physical
- both

type (optional)

`Element`

text (optional)

`String` A sequence of Unicode characters

_text (optional)

`Element`

line (optional)

`array[String]` This component contains the house number, apartment number, street name, street direction, P.O. Box number, delivery hints, and similar address information.

_line (optional)

`array[Element]` Extensions for line
city (optional)

`String` A sequence of Unicode characters

_city (optional)

`Element`
district (optional)

`String` A sequence of Unicode characters

district (optional)

`Element`

state (optional)

`String` A sequence of Unicode characters

_state (optional)

`Element`

postalCode (optional)

`String` A sequence of Unicode characters

_postalCode (optional)

`Element`
country (optional)

`String` A sequence of Unicode characters

country (optional)

`Element`

period (optional)

`Period`
Actual or potential/avoided event causing unintended physical injury resulting from or contributed to by medical care, a research study or other healthcare setting factors that requires additional monitoring, treatment, or hospitalization, or that results in death.

- **resourceType**: This is an AdverseEvent resource
- **id (optional)**: String Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.
- **meta (optional)**
- **implicitRules (optional)**: String String of characters used to identify a name or a resource
- **language (optional)**: String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
- **text (optional)**
- **contained (optional)**: array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.
- **extension (optional)**: array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- **modifierExtension (optional)**: array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **identifier (optional)**
- **actuality (optional)**: String Whether the event actually happened, or just had the potential to. Note that this is independent of whether anyone was affected or harmed or how severely.
  - Enum:
    - actual
    - potential
- **category (optional)**
- **event (optional)**: The overall type of event, intended for search and filtering purposes.
subject
   Reference

encounter (optional)
   Reference

date (optional)
   String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
   specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
   gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
   zero-filled and may be ignored. Dates SHALL be valid dates.

date (optional)
   Element

detected (optional)
   String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
   specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
   gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
   zero-filled and may be ignored. Dates SHALL be valid dates.

detected (optional)
   Element

recordedDate (optional)
   String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
   specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
   gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
   zero-filled and may be ignored. Dates SHALL be valid dates.

recordedDate (optional)
   Element

resultingCondition (optional)
   array[Reference] Includes information about the reaction that occurred as a result of exposure to a
   substance (for example, a drug or a chemical).

location (optional)
   Reference

seriousness (optional)
   CodeableConcept

severity (optional)
   CodeableConcept

outcome (optional)
   CodeableConcept

recorder (optional)
   Reference

contributor (optional)
   array[Reference] Parties that may or should contribute or have contributed information to the adverse
   event, which can consist of one or more activities. Such information includes information leading to
   the decision to perform the activity and how to perform the activity (e.g. consultant), information that
   the activity itself seeks to reveal (e.g. informant of clinical history), or information about what activity
   was performed (e.g. informant witness).

suspectEntity (optional)
   array[AdverseEvent_SuspectEntity] Describes the entity that is suspected to have caused the adverse
   event.

subjectMedicalHistory (optional)
   array[Reference] AdverseEvent.subjectMedicalHistory.

referenceDocument (optional)

study (optional)
   array[Reference] AdverseEvent.study.
AdverseEvent_SuspectEntity -

Actual or potential/avoided event causing unintended physical injury resulting from or contributed to by medical care, a research study or other healthcare setting factors that requires additional monitoring, treatment, or hospitalization, or that results in death.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
instance
   Reference

causality (optional)
   array[AdverseEvent_Causality] Information on the possible cause of the event.

Age -

A duration of time during which an organism (or a process) has existed.

   id (optional)
      String A sequence of Unicode characters

extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic
   definition of the element. To make the use of extensions safe and manageable, there is a strict set of
   governance applied to the definition and use of extensions. Though any implementer can define an
   extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

value (optional)
   BigDecimal A rational number with implicit precision

   _value (optional)
      Element

   comparator (optional)
      String How the value should be understood and represented - whether the actual value is greater or
      less than the stated value due to measurement issues; e.g. if the comparator is “<”, then the real
      value is < stated value.

         Enum:
            <
            <=
            >=
            >

   _comparator (optional)
      Element

   unit (optional)
      String A sequence of Unicode characters

   _unit (optional)
      Element

   system (optional)
      String String of characters used to identify a name or a resource

   _system (optional)
      Element

   code (optional)
      String A string which has at least one character and no leading or trailing whitespace and where there
      is no whitespace other than single spaces in the contents

   _code (optional)
      Element

AllergyIntolerance -

Risk of harmful or undesirable, physiological response which is unique to an individual and associated with exposure to a

resourceType
   oas_any_type_not_mapped This is a AllergyIntolerance resource

id (optional)
   String Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This
   might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
   constraints.) Ids are case-insensitive.

meta (optional)
   Meta
implicitRules (optional)
  String String of characters used to identify a name or a resource

implicitRules (optional)
  Element

_language (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)
  Element

text (optional)
  Narrative

contained (optional)
  array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]

  May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
  array[Identifier] Business identifiers assigned to this AllergyIntolerance by the performer or other systems which remain constant as the resource is updated and propagates from server to server.

clinicalStatus (optional)
  CodeableConcept

clinicalStatus (optional)
  CodeableConcept

type (optional)
  String Identification of the underlying physiological mechanism for the reaction risk.

  Enum:

  allergy

  intolerance

_type (optional)
  Element
category (optional)
  array[String] Category of the identified substance.

  Enum:

  category (optional)

  array[Element] Extensions for category

criticality (optional)
  String Estimate of the potential clinical harm, or seriousness, of the reaction to the identified substance.

  Enum:

  low

  high
_criticality (optional)

Element
code (optional)
CodeableConcept

patient
Reference
event (optional)
Reference

onsetDateTime (optional)
String
Estimated or actual date, date-time, or age when allergy or intolerance was identified.

_onsetDateTime (optional)
Element

onsetAge (optional)
Age

onsetPeriod (optional)
Period

onsetRange (optional)
Range

onsetString (optional)
String
Estimated or actual date, date-time, or age when allergy or intolerance was identified.

_onsetString (optional)
Element

recordedDate (optional)
String
A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

_recordedDate (optional)
Element

recorder (optional)
Reference

asserter (optional)
Reference

_lastOccurrence (optional)
String
A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

_lastOccurrence (optional)
Element

note (optional)
array[Annotation]
Additional narrative about the propensity for the Adverse Reaction, not captured in
other fields.

reaction (optional)
array[AllergyIntolerance_Reaction]
Details about each adverse reaction event linked to exposure to
the identified substance.

AllergyIntolerance_Reaction

Risk of harmful or undesirable, physiological response which is unique to an individual and associated with exposure to a
substance.

id (optional)
String
A sequence of Unicode characters

extension (optional)
arrayExtension May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
arrayExtension May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

substance (optional)
CodeableConcept

manifestation array[CodeableConcept] Clinical symptoms and/or signs that are observed or associated with the adverse reaction event.

description (optional)
String A sequence of Unicode characters

_onset (optional)
Element

severity (optional)
String Clinical assessment of the severity of the reaction event as a whole, potentially considering multiple different manifestations.

Enum:
- mild
- moderate
- severe

_exposureRoute (optional)
CodeableConcept

note (optional)
array[Annotation] Additional text about the adverse reaction event not captured in other fields.

Annotation -
A text note which also contains information about who made the statement and when.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

authorReference (optional)
Reference
authorString (optional)

String The individual responsible for making the annotation.

_time (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

text (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a mark
down presentation engine

Appointment -

A booking of a healthcare event among patient(s), practitioner(s), related person(s) and/or device(s) for a specific
date/time. This may result in one or more Encounter(s).

resourceType

oas_any_type_not_mapped This is a Appointment resource

id (optional)

String Any combination of letters, numerals, “.” and “.”, with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

meta (optional)

implicitRules (optional)

String String of characters used to identify a name or a resource

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource
that contains them - they cannot be identified independently, and nor can they have their own
independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource
and that modifies the understanding of the element that contains it and/or the understanding of the
containing element's descendants. Usually modifier elements provide negation or qualification. To
make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

array[Identifier] This records identifiers associated with this appointment concern that are defined by business processes and/or used to refer to it when a direct URL reference to the resource itself is not appropriate (e.g. in CDA documents, or in written / printed documentation).

**status (optional)**

String The overall status of the Appointment. Each of the participants has their own participation status which indicates their involvement in the process, however this status indicates the shared status.

Enum:
- proposed
- pending
- booked
- arrived
- fulfilled
- cancelled
- noshow
- entered-in-error
- checked-in
- waitlist

**_status (optional)**

Element

cancellationReason (optional)

CodeableConcept

**serviceCategory (optional)**

array[CodeableConcept] A broad categorization of the service that is to be performed during this appointment.

**serviceType (optional)**

array[CodeableConcept] The specific service that is to be performed during this appointment.

**specialty (optional)**

array[CodeableConcept] The specialty of a practitioner that would be required to perform the service requested in this appointment.

**appointmentType (optional)**

CodeableConcept

**reasonCode (optional)**

array[CodeableConcept] The coded reason that this appointment is being scheduled. This is more clinical than administrative.

**reasonReference (optional)**

array[Reference] Reason the appointment has been scheduled to take place, as specified using information from another resource. When the patient arrives and the encounter begins it may be used as the admission diagnosis. The indication will typically be a Condition (with other resources referenced in the evidence.detail), or a Procedure.

**priority (optional)**

BigDecimal An integer with a value that is not negative (e.g. >= 0)

**_priority (optional)**

Element

description (optional)

String A sequence of Unicode characters

**_description (optional)**

Element

**supportingInformation (optional)**

array[Reference] Additional information to support the appointment provided when making the appointment.

**start (optional)**

String An instant in time - known at least to the second
_start (optional)
  Element

end (optional)
  String An instant in time - known at least to the second

  _end (optional)
  Element

minutesDuration (optional)
  BigDecimal An integer with a value that is positive (e.g. >0)

  _minutesDuration (optional)
  Element

slot (optional)
  array[Reference] The slots from the participants' schedules that will be filled by the appointment.

created (optional)
  String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

  _created (optional)
  Element

comment (optional)
  String A sequence of Unicode characters

  _comment (optional)
  Element

patientInstruction (optional)
  String A sequence of Unicode characters

  _patientInstruction (optional)
  Element

basedOn (optional)
  array[Reference] The service request this appointment is allocated to assess (e.g. incoming referral or procedure request).

participant
  array[Appointment_Participant] List of participants involved in the appointment.

requestedPeriod (optional)
  array[Period]

A set of date ranges (potentially including times) that the appointment is preferred to be scheduled within.

The duration (usually in minutes) could also be provided to indicate the length of the appointment to fill and populate the start/end times for the actual allocated time. However, in other situations the duration may be calculated by the scheduling system.

AppointmentResponse -

A reply to an appointment request for a patient and/or practitioner(s), such as a confirmation or rejection.

resourceType
  oas_any_type_not_mapped This is an AppointmentResponse resource

id (optional)
  String Any combination of letters, numerals, “.” and “-” with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
  Meta

implicitRules (optional)
  String String of characters used to identify a name or a resource
_implicitRules (optional)

_language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element
text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] This records identifiers associated with this appointment response concern that are defined by business processes and/ or used to refer to it when a direct URL reference to the resource itself is not appropriate.

appointment

Reference

start (optional)

String An instant in time - known at least to the second

_start (optional)

Element

end (optional)

String An instant in time - known at least to the second

_end (optional)

Element

participantType (optional)

array[CodeableConcept] Role of participant in the appointment.

actor (optional)

Reference

participantStatus (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_participantStatus (optional)

Element

comment (optional)

String A sequence of Unicode characters

_comment (optional)
Appointment_Participant -

A booking of a healthcare event among patient(s), practitioner(s), related person(s) and/or device(s) for a specific date/time. This may result in one or more Encounter(s).

id (optional)

String A sequence of Unicode characters

element (optional)

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)

array[CodeableConcept] Role of participant in the appointment.

actor (optional)

Reference

required (optional)

String Whether this participant is required to be present at the meeting. This covers a use-case where two doctors need to meet to discuss the results for a specific patient, and the patient is not required to be present.

Enum:

required

optional

information-only

_required (optional)

Element

status (optional)

String Participation status of the actor.

Enum:

accepted

declined

tentative

needs-action

_status (optional)

Element

period (optional)

Period

Attachment -

For referring to data content defined in other formats.

id (optional)

String A sequence of Unicode characters

extension (optional)
arrayExtension May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

contentType (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

_language (optional)
Element

_data (optional)
Element

_url (optional)
Element

_size (optional)
BigDecimal An integer with a value that is not negative (e.g. >= 0)

_hash (optional)
Element

title (optional)
String A sequence of Unicode characters

_creation (optional)
Element

AuditEvent -

A record of an event made for purposes of maintaining a security log. Typical uses include detection of intrusion attempts
and monitoring for inappropriate usage.

resourceType

id (optional)
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

meta (optional)

implicitRules (optional)
String String of characters used to identify a name or a resource

https://10.2.2.41/api-doc/
_implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element
text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

description (optional)

array[ResourceList] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type

Coding

subtype (optional)

array[Coding] Identifier for the category of event.

action (optional)

String Indicator for type of action performed during the event that generated the audit.

Enum:
C
R
U
d
E

_action (optional)

Element

period (optional)

Period

recorded (optional)

String An instant in time - known at least to the second

_recorded (optional)

Element

outcome (optional)

String Indicates whether the event succeeded or failed.

Enum:
0
4
8
12
outcome (optional)  
   
outcomeDesc (optional)  
   String A sequence of Unicode characters

purposeOfEvent (optional)  
   array[CodeableConcept] The purposeOfUse (reason) that was used during the event being recorded.

agent  
   array[AuditEvent_Agent] An actor taking an active role in the event or activity that is logged.

source  
   AuditEvent_Source

type (optional)  
   CodeableConcept

role (optional)  
   array[CodeableConcept] The security role that the user was acting under, that come from local codes defined by the access control security system (e.g. RBAC, ABAC) used in the local context.

who (optional)  
   Reference

altId (optional)  
   String A sequence of Unicode characters

name (optional)  
   String A sequence of Unicode characters

requestor (optional)  
   Boolean Value of "true" or "false"
AuditEvent_Detail -

A record of an event made for purposes of maintaining a security log. Typical uses include detection of intrusion attempts and monitoring for inappropriate usage.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifications SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)

String A sequence of Unicode characters

AuditEvent_Entity -

_Requestor (optional)

Element

Location (optional)

Reference

Policy (optional)

array[String] The policy or plan that authorized the activity being recorded. Typically, a single activity may have multiple applicable policies, such as patient consent, guarantor funding, etc. The policy would also indicate the security token used.

_Policy (optional)

array[Element] Extensions for policy

Media (optional)

Coding

AuditEvent_Network

PurposeOfUse (optional)

array[CodeableConcept] The reason (purpose of use), specific to this agent, that was used during the event being recorded.
A record of an event made for purposes of maintaining a security log. Typical uses include detection of intrusion attempts and monitoring for inappropriate usage.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

what (optional)

Reference
type (optional)

Coding

role (optional)

Coding

lifecycle (optional)

Coding

securityLabel (optional)

array[Coding] Security labels for the identified entity.

name (optional)

String A sequence of Unicode characters

_name (optional)

Element
description (optional)

String A sequence of Unicode characters

_description (optional)

Element

query (optional)

String A stream of bytes

_query (optional)

Element
detail (optional)

array[AuditEvent_Detail] Tagged value pairs for conveying additional information about the entity.

AuditEvent_Network -
modiﬁerExtension (optional)

darray[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualiﬁcation. To make the use of extensions safe and manageable, there is a strict set of governance applied to the deﬁnition and use of extensions. Though any implementer can deﬁne an extension, there is a set of requirements that SHALL be met as part of the deﬁnition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

address (optional)

String A sequence of Unicode characters

__address (optional)

Element

type (optional)

String An idenﬁer for the type of network access point that originated the audit event.

Enum:

1
2
3
4
5

__type (optional)

Element

AuditEvent_Source -

A record of an event made for purposes of maintaining a security log. Typical uses include detection of intrusion attempts and monitoring for inappropriate usage.

id (optional)

String A sequence of Unicode characters

extension (optional)

darray[Extension] May be used to represent additional information that is not part of the basic deﬁnition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the deﬁnition and use of extensions. Though any implementer can deﬁne an extension, there is a set of requirements that SHALL be met as part of the deﬁnition of the extension.

modiﬁerExtension (optional)

darray[Extension]

May be used to represent additional information that is not part of the basic deﬁnition of the element and that modiﬁes the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modiﬁer elements provide negation or qualiﬁcation. To make the use of extensions safe and manageable, there is a strict set of governance applied to the deﬁnition and use of extensions. Though any implementer can deﬁne an extension, there is a set of requirements that SHALL be met as part of the deﬁnition of the extension. Applications processing a resource are required to check for modiﬁer extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modiﬁerExtension itself).

site (optional)

String A sequence of Unicode characters

__site (optional)

Element

observer

Reference
Basic

Basic is used for handling concepts not yet defined in FHIR, narrative-only resources that don't map to an existing resource, and custom resources not appropriate for inclusion in the FHIR specification.

resourceType

This is a Basic resource

id (optional)

String Any combination of letters, numerals, “.” and “,”, with a length limit of 64 characters. (This might be an integer, an unpreffixed OID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

language (optional)

Element

text (optional)

Narrative

contained (optional)

These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

Identifier assigned to the resource for business purposes, outside the context of FHIR.

code

CodeableConcept

subject (optional)

Reference

created (optional)

String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.
Binary -

A resource that represents the data of a single raw artifact as digital content accessible in its native format. A Binary resource can contain any content, whether text, image, pdf, zip archive, etc.

resourceType

This is a Binary resource

id (optional)

String

Any combination of letters, numerals, "-" and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String

String of characters used to identify a name or a resource

_language (optional)

Element

contentType (optional)

String

A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

BiologicallyDerivedProduct -

A material substance originating from a biological entity intended to be transplanted or infused into another (possibly the same) biological entity.

resourceType

This is a BiologicallyDerivedProduct resource

id (optional)

String

Any combination of letters, numerals, "-" and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String

String of characters used to identify a name or a resource

_language (optional)

Element

securityContext (optional)

Reference

data (optional)

String

A stream of bytes

BiologicallyDerivedProduct -
A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

`_language (optional)`

`Element`

`text (optional)`

`Narrative`

`contained (optional)`

`array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

`extension (optional)`

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

`modifierExtension (optional)`

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

`identifier (optional)`

`array[Identifier]` This records identifiers associated with this biologically derived product instance that are defined by business processes and/or used to refer to it when a direct URL reference to the resource itself is not appropriate (e.g. in CDA documents, or in written / printed documentation).

`productCategory (optional)`

`String` Broad category of this product.

Enum:
- organ
- tissue
- fluid
- cells
- biologicalAgent

`productCategory (optional)`

`Element`

`productCode (optional)`

`CodeableConcept`

`status (optional)`

`String` Whether the product is currently available.

Enum:
- available
- unavailable

`status (optional)`

`Element`

`request (optional)`

`array[Reference]` Procedure request to obtain this biologically derived product.

`quantity (optional)`

`BigDecimal` A whole number

`quantity (optional)`

`Element`

`parent (optional)`

`array[Reference]` Parent product (if any).
collection (optional)

BiologicallyDerivedProduct_Collection

processing (optional)

array[BiologicallyDerivedProduct_Processing] Any processing of the product during collection that does not change the fundamental nature of the product. For example adding anti-coagulants during the collection of Peripheral Blood Stem Cells.

manipulation (optional)

BiologicallyDerivedProduct_Manipulation

storage (optional)

array[BiologicallyDerivedProduct_Storage] Product storage.

BiologicallyDerivedProduct_Collection -

A material substance originating from a biological entity intended to be transplanted or infused into another (possibly the same) biological entity.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

collector (optional)

Reference

source (optional)

Reference

collectedDateTime (optional)

String Time of product collection.

collectedPeriod (optional)

Period

BiologicallyDerivedProduct_Manipulation -

A material substance originating from a biological entity intended to be transplanted or infused into another (possibly the same) biological entity.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

description (optional)

String A sequence of Unicode characters

_procedure (optional)

CodeableConcept

additive (optional)

Reference

timeDateTime (optional)

string Time of processing.

BiologicallyDerivedProduct_Processing -

A material substance originating from a biological entity intended to be transplanted or infused into another (possibly the same) biological entity.

id (optional)

String A sequence of Unicode characters

description (optional)

Element

timeDateTime (optional)

string Time of manipulation.

_timeDateTime (optional)

Element

timePeriod (optional)

Period
_time\_DateTime (optional)

**Element**

timePeriod (optional)

**Period**

**BiologicallyDerivedProduct\_Storage**

A material substance originating from a biological entity intended to be transplanted or infused into another (possibly the same) biological entity.

id (optional)

**String** A sequence of Unicode characters

extension (optional)

**array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

**array[Extension]**

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

description (optional)

**String** A sequence of Unicode characters

_temperature (optional)

**Element**

temperature (optional)

**BigDecimal** A rational number with implicit precision

duration (optional)

**Period**

**BodyStructure**

Record details about an anatomical structure. This resource may be used when a coded concept does not provide the necessary detail needed for the use case.

resourceType

**oas\_any\_type\_not\_mapped** This is a BodyStructure resource

id (optional)

**String** Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.
meta (optional)
  Meta

implicitRules (optional)
  String  String of characters used to identify a name or a resource

  _implicitRules (optional)
  Element

language (optional)
  String  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

  _language (optional)
  Element

text (optional)
  Narrative

contained (optional)
  array[ResourceList]  These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
  array[Extension]  May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]  May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
  array[Identifier]  Identifier for this instance of the anatomical structure.

active (optional)
  Boolean  Value of “true” or “false”

  _active (optional)
  Element

morphology (optional)
  CodeableConcept

location (optional)
  CodeableConcept

locationQualifier (optional)
  array[CodeableConcept]  Qualifier to refine the anatomical location. These include qualifiers for laterality, relative location, directionality, number, and plane.

description (optional)
  String  A sequence of Unicode characters

  _description (optional)
  Element

image (optional)
  array[Attachment]  Image or images used to identify a location.

patient
  Reference

https://10.2.2.41/api-doc/
Bundle -

A container for a collection of resources.

**resourceType**

*oas_any_type_not_mapped*  This is a Bundle resource

**id (optional)**

*String*  Any combination of letters, numerals, “.” and “-” with a length limit of 64 characters. (This might be an integer, an unprefixed UID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

*Meta*

**implicitRules (optional)**

*String*  String of characters used to identify a name or a resource

**language (optional)**

*String*  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**identifier (optional)**

*Identifier*

**type (optional)**

*String*  Indicates the purpose of this bundle - how it is intended to be used.  

Enum:

- *document*
- *message*
- *transaction*
- *transaction-response*
- *batch*
- *batch-response*
- *history*
- *searchset*
- *collection*

**timestamp (optional)**

*String*  An instant in time - known at least to the second

**total (optional)**

*BigDecimal*  An integer with a value that is not negative (e.g. >= 0)

**link (optional)**

*array[Bundle_Link]*  A series of links that provide context to this bundle.

**entry (optional)**

*array[Bundle_Entry]*  An entry in a bundle resource - will either contain a resource or information about a resource (transactions and history only).

**signature (optional)**

*Signature*

Bundle_Entry -

A container for a collection of resources.

**id (optional)**

*String*  A sequence of Unicode characters
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

link (optional)
array[Bundle_Link] A series of links that provide context to this entry.

fullUrl (optional)
String string of characters used to identify a name or a resource

_resource (optional)
Element

search (optional)
Bundle_Search

request (optional)
Bundle_Request

response (optional)
Bundle_Response

Bundle_Link -
A container for a collection of resources.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

relation (optional)
String A sequence of Unicode characters
Bundle_request -

A container for a collection of resources.

id (optional)

String  A sequence of Unicode characters

extension (optional)

array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifier_extension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

method (optional)

String  In a transaction or batch, this is the HTTP action to be executed for this entry. In a history bundle, this indicates the HTTP action that occurred.

Enum:

GET
HEAD
POST
PUT
DELETE
PATCH

_method (optional)

Element

url (optional)

String  String of characters used to identify a name or a resource

_url (optional)

Element

ifNoneMatch (optional)

String  A sequence of Unicode characters

_ifNoneMatch (optional)

Element

ifModifiedSince (optional)

String  An instant in time - known at least to the second

_ifModifiedSince (optional)

Element

ifMatch (optional)

String  A sequence of Unicode characters

_ifMatch (optional)
Bundle_Response -
A container for a collection of resources.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

status (optional)
String A sequence of Unicode characters

location (optional)
String String of characters used to identify a name or a resource

etag (optional)
String A sequence of Unicode characters

lastModified (optional)
String An instant in time - known at least to the second

outcome (optional)
ResourceList

Bundle_Search -
A container for a collection of resources.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

mode (optional)

String

Why this entry is in the result set - whether it's included as a match or because of an _include requirement, or to convey information or warning information about the search process.

Enum:

  
  match
  
  include
  
  outcome

_mode (optional)

Element

score (optional)

BigDecimal

A rational number with implicit precision

_score (optional)

Element

CapabilityStatement

A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

resourceType

cos_any_type_not_mapped

This is a CapabilityStatement resource

id (optional)

String

Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String

String of characters used to identify a name or a resource

 ImplicitRules (optional)

Element

language (optional)

String

A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList]

These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

text (optional)

Extension (optional)
arrayExtension May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional) arrayExtension

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)

String String of characters used to identify a name or a resource

_url (optional) Element

version (optional)

String A sequence of Unicode characters

_version (optional) Element

name (optional)

String A sequence of Unicode characters

_name (optional) Element

title (optional)

String A sequence of Unicode characters

_title (optional) Element

status (optional)

String The status of this capability statement. Enables tracking the life-cycle of the content.

Enum:

draft
active
retired
unknown

_status (optional) Element

experimental (optional)

Boolean Value of "true" or "false"

_experimental (optional) Element

date (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional) Element

publisher (optional)

String A sequence of Unicode characters

_publisher (optional) Element
**contact (optional)**
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

**description (optional)**
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

**_description (optional)**
Element

**useContext (optional)**
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate capability statement instances.

**jurisdiction (optional)**
array[CodeableConcept] A legal or geographic region in which the capability statement is intended to be used.

**purpose (optional)**
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

**_purpose (optional)**
Element

**copyright (optional)**
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

**_copyright (optional)**
Element

**kind (optional)**
String The way that this statement is intended to be used, to describe an actual running instance of software, a particular product (kind, not instance of software) or a class of implementation (e.g. a desired purchase).

- Enum:
  - instance
  - capability
  - requirements

**_kind (optional)**
Element

**instantiates (optional)**
array[String] Reference to a canonical URL of another CapabilityStatement that this software implements. This capability statement is a published API description that corresponds to a business service. The server may actually implement a subset of the capability statement it claims to implement, so the capability statement must specify the full capability details.

**imports (optional)**
array[String] Reference to a canonical URL of another CapabilityStatement that this software adds to. The capability statement automatically includes everything in the other statement, and it is not duplicated, though the server may repeat the same resources, interactions and operations to add additional details to them.

**software (optional)**
CapabilityStatement_Software

**implementation (optional)**
CapabilityStatement_Implementation

**fhirVersion (optional)**
String The version of the FHIR specification that this CapabilityStatement describes (which SHALL be the same as the FHIR version of the CapabilityStatement itself). There is no default value.

- Enum:
  - 0.01
  - 0.05
  - 0.06
  - 0.11
  - 0.80
  - 0.81
A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
mode (optional)
   String Mode of this document declaration - whether an application is a producer or consumer.
   Enum:
   producer
   consumer

_mode (optional)
   Element
documentation (optional)
   String A string that may contain Github Flavored Markdown syntax for optional processing by a mark
down presentation engine

_documentation (optional)
   Element

profile
   String A URI that is a reference to a canonical URL on a FHIR resource

CapabilityStatement_Endpoint -

A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

   id (optional)
   String A sequence of Unicode characters

   extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
   array[Extension]

   May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

   Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
   (including cannot change the meaning of modifierExtension itself).

   protocol
   Coding

   address (optional)
   String A URI that is a literal reference

   _address (optional)
   Element

CapabilityStatement_Implementation -

A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

   id (optional)
   String A sequence of Unicode characters

   extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
   array[Extension]
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

description (optional)

String A sequence of Unicode characters

description (optional)

Element

url (optional)

String A URI that is a literal reference

_url (optional)

Element

custodian (optional)

Reference

CapabilityStatement_Interaction -

A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)

String Coded identifier of the operation, supported by the system resource.

Enum:

read
vread
update
patch
delete
history-instance
history-type
create
search-type

_code (optional)
**CapabilityStatement**

A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

- **id (optional)**
  - *String* A sequence of Unicode characters
- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- **modifierExtension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
  - Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
- **code (optional)**
  - *String* A coded identifier of the operation, supported by the system.
    - Enum:
      - *transaction*
      - *batch*
      - *search-system*
      - *history-system*
- **documentation (optional)**
  - *String* A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine
- **documentation (optional)**
  - *Element*
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

element (optional)
array[CapabilityStatement_Endpoint] An endpoint (network accessible address) to which messages and/or replies are to be sent.

reliableCache (optional)
BigDecimal An integer with a value that is not negative (e.g. >= 0)

_modifiableCache (optional)
Element
documentation (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_supportedMessage (optional)
Element

SupportedMessage (optional)
array[CapabilityStatement_SupportedMessage] References to message definitions for messages this system can send or receive.

CapabilityStatement_Operation

A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)
String A sequence of Unicode characters

element (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

_modifiableExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)
String A sequence of Unicode characters

_supportedMessage (optional)
Element

definition
String A URI that is a reference to a canonical URL on a FHIR resource
documentation (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine
_documentation (optional)

Element

CapabilityStatement_Resource -

A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_type (optional)

Element

profile (optional)

String A URI that is a reference to a canonical URL on a FHIR resource

supportedProfile (optional)

array[String] A list of profiles that represent different use cases supported by the system. For a server, "supported by the system" means the system hosts/produces a set of resources that are conformant to a particular profile, and allows clients that use its services to search using this profile and to find appropriate data. For a client, it means the system will search by this profile and process data according to the guidance implicit in the profile. See further discussion in Using Profiles.

documentation (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_documentation (optional)

Element

interaction (optional)

array[CapabilityStatement_Interaction] Identifies a restful operation supported by the solution.

versioning (optional)

String This field is set to no-version to specify that the system does not support (server) or use (client) versioning for this resource type. If this has some other value, the server must at least correctly track and populate the versionId meta-property on resources. If the value is 'versioned-update', then the server supports all the versioning features, including using e-tags for version integrity in the API.

Enum:

no-version

versioned

versioned-update

_versioning (optional)

Element

readHistory (optional)
**Boolean** value of "true" or "false"

_**readHistory** (optional)

**Element**

updateCreate (optional)

**Boolean** value of "true" or "false"

_**updateCreate** (optional)

**Element**

conditionalCreate (optional)

**Boolean** value of "true" or "false"

_**conditionalCreate** (optional)

**Element**

conditionalRead (optional)

**String** A code that indicates how the server supports conditional read.

**Enum:**
- not-supported
- modified-since
- not-match
- full-support

_**conditionalRead** (optional)

**Element**

conditionalUpdate (optional)

**Boolean** value of "true" or "false"

_**conditionalUpdate** (optional)

**Element**

conditionalDelete (optional)

**String** A code that indicates how the server supports conditional delete.

**Enum:**
- not-supported
- single
- multiple

_**conditionalDelete** (optional)

**Element**

referencePolicy (optional)

**array[String]** A set of flags that defines how references are supported.

**Enum:**

_**referencePolicy** (optional)

**array[Element]** Extensions for referencePolicy

searchInclude (optional)

**array[String]** A list of _include values supported by the server.

_**searchInclude** (optional)

**array[Element]** Extensions for searchInclude

searchRevInclude (optional)

**array[String]** A list of _revinclude (reverse include) values supported by the server.

_**searchRevInclude** (optional)

**array[Element]** Extensions for searchRevInclude

searchParam (optional)

**array[CapabilityStatement_SearchParam]** Search parameters for implementations to support and/or make use of - either references to ones defined in the specification, or additional ones defined for/by the implementation.

_**searchParam** (optional)

**array[CapabilityStatement_Operation]** Definition of an operation or a named query together with its parameters and their meaning and type. Consult the definition of the operation for details about how to invoke the operation, and the parameters.

**CapabilityStatement_Rest -**

Up
A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

mode (optional)

String Identifies whether this portion of the statement is describing the ability to initiate or receive restful operations.

Enum:

client

server

_documentation (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_documentation

Element

security (optional)

CapabilityStatement_Security

resource (optional)

array[CapabilityStatement_Resource] A specification of the restful capabilities of the solution for a specific resource type.

interaction (optional)

array[CapabilityStatement_Interaction1] A specification of restful operations supported by the system.

searchParam (optional)

array[CapabilityStatement_SearchParam] Search parameters that are supported for searching all resources for implementations to support and/or make use of - either references to ones defined in the specification, or additional ones defined for/by the implementation.

operation (optional)

array[CapabilityStatement_Operation] Definition of an operation or a named query together with its parameters and their meaning and type.

compartmen (optional)

array[String] An absolute URI which is a reference to the definition of a compartment that the system supports. The reference is to a CompartmentDefinition resource by its canonical URL.
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)
String A sequence of Unicode characters

 definition (optional)
String A URI that is a reference to a canonical URL on a FHIR resource
type (optional)
String The type of value a search parameter refers to, and how the content is interpreted. Enum:

number
datedate
tokenreference
compositequantityuri

 documentation (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

CapabilityStatement_Security

A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

cors (optional)
   
   **Boolean** Value of "true" or "false"

_cors (optional)
   
   **Element**

service (optional)
   
   **array[CodeableConcept]** Types of security services that are supported/required by the system.

description (optional)
   
   **String** A string that may contain Github Flavored Markdown syntax for optional processing by a mark
down presentation engine

_description (optional)
   
   **Element**

### CapabilityStatement_Software -

A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that
may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)
   
   **String** A sequence of Unicode characters

extension (optional)
   
   **array[Extension]** May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
   
   **array[Extension]**

   May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

name (optional)
   
   **String** A sequence of Unicode characters

_name (optional)
   
   **Element**

version (optional)
   
   **String** A sequence of Unicode characters

_version (optional)
   
   **Element**

releaseDate (optional)
   
   **String** A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

_releaseDate (optional)
A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

**Element**

**CapabilityStatement_SupportedMessage**

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**mode (optional)**

*String* The mode of this event declaration - whether application is sender or receiver.

- *sender*
- *receiver*

**definition**

*String* A URI that is a reference to a canonical URL on a FHIR resource

---

**CarePlan**

Describes the intention of how one or more practitioners intend to deliver care for a particular patient, group or community for a period of time, possibly limited to care for a specific condition or set of conditions.

**resourceType**

*oas_any_type_not_mapped* This is a CarePlan resource

**id (optional)**

*String* Any combination of letters, numerals, "." and "," with a length limit of 64 characters. (This might be an integer, an unprefix UID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

*Meta*

**implicitRules (optional)**

*String* String of characters used to identify a name or a resource

**language (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**text (optional)**

---
removed (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] Business identifiers assigned to this care plan by the performer or other systems which remain constant as the resource is updated and propagates from server to server.

instantiatesCanonical (optional)
array[String] The URL pointing to a FHIR-defined protocol, guideline, questionnaire or other definition that is adhered to in whole or in part by this CarePlan.

instantiatesUri (optional)
array[String] The URL pointing to an externally maintained protocol, guideline, questionnaire or other definition that is adhered to in whole or in part by this CarePlan.

_instantiatesUri (optional)
array[Element] Extensions for instantiatesUri

basedOn (optional)
array[Reference] A care plan that is fulfilled in whole or in part by this care plan.

replaces (optional)
array[Reference] Completed or terminated care plan whose function is taken by this new care plan.

partOf (optional)
array[Reference] A larger care plan of which this particular care plan is a component or step.

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_status (optional)
Element

intent (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_intent (optional)
Element

category (optional)
array[CodeableConcept] Identifies what "kind" of plan this is to support differentiation between multiple co-existing plans; e.g. "Home health", "psychiatric", "asthma", "disease management", "wellness plan", etc.

title (optional)
String A sequence of Unicode characters

_title (optional)
Element
description (optional)
  String A sequence of Unicode characters

_subject (optional)
  Element

encounter (optional)
  Reference

period (optional)
  Period

created (optional)
  String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_author (optional)
  Reference

contributor (optional)
  array[Reference] Identifies the individual(s) or organization who provided the contents of the care plan.

careTeam (optional)
  array[Reference] Identifies all people and organizations who are expected to be involved in the care envisioned by this plan.

addresses (optional)
  array[Reference] Identifies the conditions/problems/concerns/diagnoses/etc. whose management and/or mitigation are handled by this plan.

supportingInfo (optional)
  array[Reference] Identifies portions of the patient's record that specifically influenced the formation of the plan. These might include comorbidities, recent procedures, limitations, recent assessments, etc.

goal (optional)
  array[Reference] Describes the intended objective(s) of carrying out the care plan.

activity (optional)
  array[CarePlan_Activity] Identifies a planned action to occur as part of the plan. For example, a medication to be used, lab tests to perform, self-monitoring, education, etc.

_note (optional)
  array[Annotation] General notes about the care plan not covered elsewhere.

CarePlan_Activity -
Describes the intention of how one or more practitioners intend to deliver care for a particular patient, group or community for a period of time, possibly limited to care for a specific condition or set of conditions.

_id (optional)
  String A sequence of Unicode characters

_extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

_modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

outcomeCodeableConcept (optional)
array[CodeableConcept] Identifies the outcome at the point when the status of the activity is assessed. For example, the outcome of an education activity could be patient understands (or not).

outcomeReference (optional)
array[Reference] Details of the outcome or action resulting from the activity. The reference to an 'event' resource, such as Procedure or Encounter or Observation, is the result/outcome of the activity itself. The activity can be conveyed using CarePlan.activity.detail OR using the CarePlan.activity.reference (a reference to a resource).

progress (optional)
array[Annotation] Notes about the adherence/status/progress of the activity.

reference (optional)
Reference
detail (optional)
CarePlan_Detail

CarePlan_Detail -

Describes the intention of how one or more practitioners intend to deliver care for a particular patient, group or community for a period of time, possibly limited to care for a specific condition or set of conditions.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

kind (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_kind (optional)
Element

instantiatesCanonical (optional)
array[String] The URL pointing to a FHIR-defined protocol, guideline, questionnaire or other definition that is adhered to in whole or in part by this CarePlan activity.

instantiatesUri (optional)
array[String] The URL pointing to an externally maintained protocol, guideline, questionnaire or other definition that is adhered to in whole or in part by this CarePlan activity.

_extensions (optional)
array[Element] Extensions for instantiatesUri
code (optional)
  CodeableConcept

reasonCode (optional)
  array[CodeableConcept]
  Provides the rationale that drove the inclusion of this particular activity as part of the plan or the reason why the activity was prohibited.

reasonReference (optional)
  array[Reference]
  Indicates another resource, such as the health condition(s), whose existence justifies this request and drove the inclusion of this particular activity as part of the plan.

goal (optional)
  array[Reference]
  Internal reference that identifies the goals that this activity is intended to contribute towards achieving.

status (optional)
  String
  Identifies what progress is being made for the specific activity.
  Enum:
  - not-started
  - scheduled
  - in-progress
  - on-hold
  - completed
  - cancelled
  - stopped
  - unknown
  - entered-in-error

status (optional)
  Element

statusReason (optional)
  CodeableConcept

doNotPerform (optional)
  Boolean
  Value of "true" or "false"

  _doNotPerform (optional)
  Element

scheduledTiming (optional)
  Timing

scheduledPeriod (optional)
  Period

scheduledString (optional)
  String
  The period, timing or frequency upon which the described activity is to occur.

  _scheduledString (optional)
  Element

location (optional)
  Reference

performer (optional)
  array[Reference]
  Identifies who's expected to be involved in the activity.

productCodeableConcept (optional)
  CodeableConcept

productReference (optional)
  Reference

dailyAmount (optional)
  Quantity

quantity (optional)
  Quantity

description (optional)
  String
  A sequence of Unicode characters

  _description (optional)
  Element
CareTeam -

The Care Team includes all the people and organizations who plan to participate in the coordination and delivery of care for a patient.

**resourceType**

*oas_any_type_not_mapped* This is a CareTeam resource

**id (optional)**

*String* Any combination of letters, numerals, “.” and “-”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

**implicitRules (optional)**

*String* String of characters used to identify a name or a resource

**language (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**text (optional)**

**contained (optional)**

*array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

*array[Identifier]* Business identifiers assigned to this care team by the performer or other systems which remain constant as the resource is updated and propagates from server to server.

**status (optional)**

*String* Indicates the current state of the care team.

*Enum:

proposed
active
suspended
inactive
entered-in-error

**category (optional)**
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name (optional)</td>
<td>String A sequence of Unicode characters</td>
</tr>
<tr>
<td>_name (optional)</td>
<td>Element</td>
</tr>
<tr>
<td>subject (optional)</td>
<td>Reference</td>
</tr>
<tr>
<td>encounter (optional)</td>
<td>Reference</td>
</tr>
<tr>
<td>period (optional)</td>
<td>Period</td>
</tr>
<tr>
<td>participant (optional)</td>
<td>CareTeam_Participant Identifies all people and organizations who are expected to be involved in the care team.</td>
</tr>
<tr>
<td>reasonCode (optional)</td>
<td>array[CodeableConcept] Describes why the care team exists.</td>
</tr>
<tr>
<td>reasonReference (optional)</td>
<td>array[Reference] Condition(s) that this care team addresses.</td>
</tr>
<tr>
<td>managingOrganization (optional)</td>
<td>array[Reference] The organization responsible for the care team.</td>
</tr>
<tr>
<td>telecom (optional)</td>
<td>array[ContactPoint] A central contact detail for the care team (that applies to all members).</td>
</tr>
<tr>
<td>note (optional)</td>
<td>array[Annotation] Comments made about the CareTeam.</td>
</tr>
</tbody>
</table>

**CareTeam_Participant**

The Care Team includes all the people and organizations who plan to participate in the coordination and delivery of care for a patient.

id (optional)  
String A sequence of Unicode characters

telecom (optional)  
array[ContactPoint] A central contact detail for the care team (that applies to all members).

**ModifierExtension (optional)**

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

role (optional)  
array[CodeableConcept] Indicates specific responsibility of an individual within the care team, such as 'Primary care physician', 'Trained social worker counselor', 'Caregiver', etc.

member (optional)  
Reference

onBehalfOf (optional)  
Reference
CatalogEntry -

Catalog entries are wrappers that contextualize items included in a catalog.

**resourceType**

`CatalogEntry` This is a CatalogEntry resource

**id (optional)**

*String* Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

*Meta*

**implicitRules (optional)**

*String* String of characters used to identify a name or a resource

**language (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**text (optional)**

*Narrative*

**contained (optional)**

*array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

*array[Identifier]* Used in supporting different identifiers for the same product, e.g. manufacturer code and retailer code.

**type (optional)**

*CodeableConcept*

**orderable (optional)**

*Boolean* Value of "true" or "false"

**referencedItem**
reference

**additionalIdentifier (optional)**

*array[Identifier]* Used in supporting related concepts, e.g. NDC to RxNorm.

**classification (optional)**

*array[CodeableConcept]* Classes of devices, or ATC for medication.

**status (optional)**

*String* Used to support catalog exchange even for unsupported products, e.g. getting list of medications even if not prescribable.

- *draft*
- *active*
- *retired*
- *unknown*

**validityPeriod (optional)**

*Period* A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**lastUpdated (optional)**

*String* A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**additionalCharacteristic (optional)**

*array[CodeableConcept]* Used for example for Out of Formulary, or any specifics.

**additionalClassification (optional)**

*array[CodeableConcept]* User for example for ATC classification, or.

**relatedEntry (optional)**

*array[CatalogEntry_RelatedEntry]* Used for example, to point to a substance, or to a device used to administer a medication.

**CatalogEntry_RelatedEntry -**

Catalog entries are wrappers that contextualize items included in a catalog.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
The resource ChargeItem describes the provision of healthcare provider products for a certain patient, therefore referring not only to the product, but containing in addition details of the provision, like date, time, amounts and participating organizations and persons. Main Usage of the ChargeItem is to enable the billing process and internal cost allocation.

resourceType

This is a ChargeItem resource

id (optional)

Any combination of letters, numerals, "." and "," with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

String of characters used to identify a name or a resource

implicitRules (optional)

String

A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

language (optional)

A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

text (optional)

Narrative

contained (optional)

These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
identifier (optional)
array[Identifier] Identifiers assigned to this event performer or other systems.

definitionUri (optional)
array[String] References the (external) source of pricing information, rules of application for the code this ChargeItem uses.

__definitionUri (optional)
array[Element] Extensions for definitionUri

definitionCanonical (optional)
array[String] References the source of pricing information, rules of application for the code this ChargeItem uses.

status (optional)
String The current state of the ChargeItem.
   Enum:
      planned
      billable
      not-billable
      aborted
      billed
      entered-in-error
      unknown

__status (optional)
Element

partOf (optional)
array[Reference] ChargeItems can be grouped to larger ChargeItems covering the whole set.

code
CodeableConcept

subject
Reference

category (optional)

context (optional)
Reference

telegraph (optional)

occurrenceDateTime (optional)
String Date/time(s) or duration when the charged service was applied.

__occurrenceDateTime (optional)
Element

occurrencePeriod (optional)
Period

occurrenceTiming (optional)
Timing

performer (optional)
array[ChargeItem_Performer] Indicates who or what performed or participated in the charged service.

performingOrganization (optional)
Reference

requestingOrganization (optional)
Reference

costCenter (optional)
Reference

quantity (optional)
Quantity

bodysite (optional)
array[CodeableConcept] The anatomical location where the related service has been applied.

factorOverride (optional)
BigDecimal A rational number with implicit precision

__factorOverride (optional)
Element

priceOverride (optional)
overrideReason (optional)
  
  String A sequence of Unicode characters

_overrideReason (optional)

 enterer (optional)

 Reference

 enteredDate (optional)

 String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are 
specified, a time zone SHALL be populated. The format is a union of the schema types gYear, 
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be 
zero-filled and may be ignored. Dates SHALL be valid dates.

 _enteredDate (optional)

 Element

 reason (optional)

 array[CodeableConcept] Describes why the event occurred in coded or textual form.

 service (optional)

 array[Reference] Indicated the rendered service that caused this charge.

 productReference (optional)

 Reference

 productCodeableConcept (optional)

 CodeableConcept

 account (optional)

 array[Reference] Account into which this ChargeItems belongs.

 note (optional)

 array[Annotation] Comments made about the event by the performer, subject or other participants.

 supportingInformation (optional)

 array[Reference] Further information supporting this charge.

 ChargeItemDefinition

 The ChargeItemDefinition resource provides the properties that apply to the (billing) codes necessary to calculate costs 
and prices. The properties may differ largely depending on type and realm, therefore this resource gives only a rough 
structure and requires profiling for each type of billing code system.

 resourceType

 oas_any_type_not_mapped This is a ChargeItemDefinition resource

 id (optional)

 String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This 
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these 
constraints.) Ids are case-insensitive.

 meta (optional)

 Meta

 implicitRules (optional)

 String String of characters used to identify a name or a resource

 implicitRules (optional)

 Element

 language (optional)

 String A string which has at least one character and no leading or trailing whitespace and where there 
is no whitespace other than single spaces in the contents

 _language (optional)

 Element

 text (optional)

 Narrative

 contained (optional)
These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**url (optional)**

A string of characters used to identify a name or a resource.

**identifier (optional)**

A formal identifier that is used to identify this charge item definition when it is represented in other formats, or referenced in a specification, model, design or an instance.

**version (optional)**

A sequence of Unicode characters

**title (optional)**

A sequence of Unicode characters

**derivedFromUri (optional)**

The URL pointing to an externally-defined charge item definition that is adhered to in whole or in part by this definition.

**partOf (optional)**

A larger definition of which this particular definition is a component or step.

**replaces (optional)**

As new versions of a protocol or guideline are defined, allows identification of what versions are replaced by a new instance.

**status (optional)**

The current state of the ChargeItemDefinition.

Enum:
- draft
- active
- retired
- unknown

**experimental (optional)**

Value of "true" or "false"
date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_publisher (optional)
Element

contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

jurisdiction (optional)
array[CodeableConcept] A legal or geographic region in which the charge item definition is intended to be used.

copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

approvalDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_lastReviewDate (optional)
Element
effectivePeriod (optional)
Period
code (optional)
CodeableConcept

instance (optional)
array[Reference] The defined billing details in this resource pertain to the given product instance(s).

applicability (optional)
array[ChargeItemDefinition_Applicability] Expressions that describe applicability criteria for the billing code.

propertyGroup (optional)
array[ChargeItemDefinition_PropertyGroup] Group of properties which are applicable under the same conditions. If no applicability rules are established for the group, then all properties always apply.
The ChargeItemDefinition resource provides the properties that apply to the (billing) codes necessary to calculate costs and prices. The properties may differ largely depending on type and realm, therefore this resource gives only a rough structure and requires profiling for each type of billing code system.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**description (optional)**

*String* A sequence of Unicode characters

**_description (optional)**

*Element*

**language (optional)**

*String* A sequence of Unicode characters

**_language (optional)**

*Element*

**expression (optional)**

*String* A sequence of Unicode characters

**_expression (optional)**

*Element*

---

The ChargeItemDefinition resource provides the properties that apply to the (billing) codes necessary to calculate costs and prices. The properties may differ largely depending on type and realm, therefore this resource gives only a rough structure and requires profiling for each type of billing code system.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**type (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_**_type (optional)_*

*Element*

code (optional)

*CodeableConcept*

**factor (optional)**

*BigDecimal* A rational number with implicit precision

_**_factor (optional)_*

*Element*

amount (optional)

*Money*

---

**ChargeItemDefinition_PropertyGroup -**

The ChargeItemDefinition resource provides the properties that apply to the (billing) codes necessary to calculate costs and prices. The properties may differ largely depending on type and realm, therefore this resource gives only a rough structure and requires profiling for each type of billing code system.

**id (optional)**

*String* A sequence of Unicode characters

extension (optional)

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**applicability (optional)**

*array[ChargeItemDefinition_Applicability]* Expressions that describe applicability criteria for the priceComponent.

**priceComponent (optional)**

*array[ChargeItemDefinition_PriceComponent]* The price for a ChargeItem may be calculated as a base price with surcharges/deductions that apply in certain conditions. A ChargeItemDefinition resource that defines the prices, factors and conditions that apply to a billing code is currently under development. The priceComponent element can be used to offer transparency to the recipient of the invoice of how the prices have been calculated.

---

**ChargeItem_Performer -**

The resource ChargeItem describes the provision of healthcare provider products for a certain patient, therefore referring not only to the product, but containing in addition details of the provision, like date, time, amounts and participating organizations and persons. Main Usage of the ChargeItem is to enable the billing process and internal cost allocation.

**id (optional)**

*String* A sequence of Unicode characters
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

function (optional)

CodeableConcept

actor

Reference

Claim -

A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement.

resourceType

aas_any_type_not_mapped This is a Claim resource

id (optional)

String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String string of characters used to identify a name or a resource

_language (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] A unique identifier assigned to this claim.

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

use (optional)
String A code to indicate whether the nature of the request is: to request adjudication of products and services previously rendered; or requesting authorization and adjudication for provision in the future; or requesting the non-binding adjudication of the listed products and services which could be provided in the future. Enum:
  - claim
  - preauthorization
  - predetermination

billablePeriod (optional)
Period

created (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

patient
Reference

enterer (optional)
Reference

insurer (optional)
Reference

provider
Reference

priority
CodeableConcept

fundsReserve (optional)
CodeableConcept

related (optional)
array[Claim_Related] Other claims which are related to this claim such as prior submissions or claims for related services or for the same event.

prescription (optional)
Reference
originalPrescription (optional)  
Reference
payee (optional)  
Claim_Payee
referral (optional)  
Reference
careTeam (optional)  
array[Claim_CareTeam] The members of the team who provided the products and services.
supportingInfo (optional)  
array[Claim_SupportingInfo] Additional information codes regarding exceptions, special considerations, the condition, situation, prior or concurrent issues.
diagnosis (optional)  
array[Claim_Diagnosis] Information about diagnoses relevant to the claim items.
procedure (optional)  
array[Claim_Procedure] Procedures performed on the patient relevant to the billing items with the claim.
insurance  
array[Claim_Insurance] Financial instruments for reimbursement for the health care products and services specified on the claim.
accident (optional)  
Claim_Accident
item (optional)  
array[Claim_Item] A claim line. Either a simple product or service or a 'group' of details which can each be a simple items or groups of sub-details.
total (optional)  
Money

ClaimResponse -
This resource provides the adjudication details from the processing of a Claim resource.
resourceType  
This is a ClaimResponse resource
id (optional)  
Any combination of letters, numerals, "-" and ",", with a length limit of 64 characters. (This might be an integer, an unprefixe oid, uuid or any other identifier pattern that meets these constraints.) Ids are case-insensitive.
meta (optional)  
implicitRules (optional)  
String String of characters used to identify a name or a resource
_language (optional)  
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_language (optional)  
Element
text (optional)  
Narrative
contained (optional)  
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource
and that modifies the understanding of the element that contains it and/or the understanding of the
containing element’s descendants. Usually modifier elements provide negation or qualification. To
make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications
processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] A unique identifier assigned to this claim response.

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

_type (optional)
Element

type
CodeableConcept

subType (optional)
CodeableConcept

use (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

_use (optional)
Element

patient
Reference

created (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

_created (optional)
Element

insurer
Reference

requestor (optional)
Reference

request (optional)
Reference

outcome (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

_outcome (optional)
Element

disposition (optional)
String A sequence of Unicode characters

_disposition (optional)
Element

preAuthRef (optional)
String A sequence of Unicode characters

preAuthPeriod (optional)
Element

payeeType (optional)
Period

item (optional)
array[ClaimResponse_Item] A claim line. Either a simple (a product or service) or a 'group' of details which can also be a simple items or groups of sub-details.

addItem (optional)
array[ClaimResponse_AddItem] The first-tier service adjudications for payor added product or service lines.

adjudication (optional)
array[ClaimResponse_Adjudication] The adjudication results which are presented at the header level rather than at the line-item or add-item levels.

total (optional)
array[ClaimResponse_Total] Categorized monetary totals for the adjudication.

payment (optional)
ClaimResponse_Payment

fundsReserve (optional)
CodeableConcept

formCode (optional)
CodeableConcept

form (optional)
Attachment

processNote (optional)
array[ClaimResponse_ProcessNote] A note that describes or explains adjudication results in a human readable form.

communicationRequest (optional)
array[Reference] Request for additional supporting or authorizing information.

insurance (optional)
array[ClaimResponse_Insurance] Financial instruments for reimbursement for the health care products and services specified on the claim.

error (optional)
array[ClaimResponse_Error] Errors encountered during the processing of the adjudication.

ClaimResponse_AddItem -

This resource provides the adjudication details from the processing of a Claim resource.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **itemSequence (optional)**
  - array[BigDecimal] Claim items which this service line is intended to replace.

- **itemSequence (optional)**
  - array[Element] Extensions for itemSequence

- **detailSequence (optional)**
  - array[BigDecimal] The sequence number of the details within the claim item which this line is intended to replace.

- **detailSequence (optional)**
  - array[Element] Extensions for detailSequence

- **subdetailSequence (optional)**
  - array[BigDecimal] The sequence number of the sub-details within the details within the claim item which this line is intended to replace.

- **subdetailSequence (optional)**
  - array[Element] Extensions for subdetailSequence

- **provider (optional)**
  - array[Reference] The providers who are authorized for the services rendered to the patient.

- **productOrService**
  - CodeableConcept

- **modifier (optional)**
  - array[CodeableConcept] Item typification or modifiers codes to convey additional context for the product or service.

- **programCode (optional)**
  - array[CodeableConcept] Identifies the program under which this may be recovered.

- **servicedDate (optional)**
  - String The date or dates when the service or product was supplied, performed or completed.

- **servicedDate (optional)**
  - Element

- **servicedPeriod (optional)**
  - Period

- **locationCodeableConcept (optional)**
  - CodeableConcept

- **locationAddress (optional)**
  - Address

- **locationReference (optional)**
  - Reference

- **quantity (optional)**
  - Quantity

- **unitPrice (optional)**
  - Money

- **factor (optional)**
  - BigDecimal A rational number with implicit precision

- **factor (optional)**
  - Element

- **net (optional)**
  - Money

- **bodySite (optional)**
  - CodeableConcept

- **subSite (optional)**
  - array[CodeableConcept] A region or surface of the bodySite, e.g. limb region or tooth surface(s).
noteNumber (optional)
  array[BigDecimal] The numbers associated with notes below which apply to the adjudication of this item.

  noteNumber (optional)
  array[Element] Extensions for noteNumber

  adjudication
  array[ClaimResponse_Adjudication] The adjudication results.

detail (optional)
  array[ClaimResponse_Detail] The second-tier service adjudications for payor added services.

ClaimResponse_Adjudication -

This resource provides the adjudication details from the processing of a Claim resource.

  id (optional)
  String A sequence of Unicode characters

  extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  modifierExtension (optional)
  array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.

  To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

  category
  CodeableConcept

  reason (optional)
  CodeableConcept

  amount (optional)
  Money

  value (optional)
  BigDecimal A rational number with implicit precision

  value (optional)
  Element

ClaimResponse_Detail -

This resource provides the adjudication details from the processing of a Claim resource.

  id (optional)
  String A sequence of Unicode characters

  extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  modifierExtension (optional)
  array[Extension]

  modifierExtension (optional)
ClaimResponse_Detail1

This resource provides the adjudication details from the processing of a Claim resource.

id (optional)

`String` A sequence of Unicode characters

extension (optional)

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

modifierExtension (optional)

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

productOrService

`CodeableConcept`

modifier (optional)

`array[CodeableConcept]` Item typification or modifiers codes to convey additional context for the product or service.

quantity (optional)

`Quantity`

unitPrice (optional)

`Money`

factor (optional)

`BigDecimal` A rational number with implicit precision
ClaimResponse -

This resource provides the adjudication details from the processing of a Claim resource.

- **id (optional)**
  - **String** A sequence of Unicode characters
- **extension (optional)**
  - **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
  - **modifierExtension (optional)**
    - **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

- **_itemSequence (optional)**
  - **BigDecimal** An integer with a value that is positive (e.g. >0)
- **_detailSequence (optional)**
  - **BigDecimal** An integer with a value that is positive (e.g. >0)
- **_subDetailSequence (optional)**
  - **BigDecimal** An integer with a value that is positive (e.g. >0)

- **code**
  - **CodeableConcept**

ClaimResponse_Insurance -

This resource provides the adjudication details from the processing of a Claim resource.

- **id (optional)**
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

sequence (optional)
BigDecimal An integer with a value that is positive (e.g. >0)

_sequence (optional)
Element

_focal (optional)
Boolean Value of "true" or "false"

__focal (optional)
Element

coverage
Reference

coverage
Reference

businessArrangement (optional)
String A sequence of Unicode characters

__businessArrangement (optional)
Element

claimResponse (optional)
Reference

ClaimResponse_Item -

This resource provides the adjudication details from the processing of a Claim resource.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
itemSequence (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_itemSequence (optional)

Element

noteNumber (optional)

array[BigDecimal] The numbers associated with notes below which apply to the adjudication of this item.

_noteNumber (optional)

array[Element] Extensions for noteNumber

adjudication

array[ClaimResponse_Adjudication] If this item is a group then the values here are a summary of the adjudication of the detail items. If this item is a simple product or service then this is the result of the adjudication of this item.

detail (optional)

array[ClaimResponse_Detail] A claim detail. Either a simple (a product or service) or a 'group' of sub-details which are simple items.

ClaimResponse_Payment -

This resource provides the adjudication details from the processing of a Claim resource.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type

CodeableConcept

adjustment (optional)

Money

adjustmentReason (optional)

CodeableConcept

date (optional)

String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_date (optional)

Element

amount

Money

identifier (optional)

Identifier
ClaimResponse_ProcessNote -

This resource provides the adjudication details from the processing of a Claim resource.

- `id (optional) String`: A sequence of Unicode characters
- `extension (optional) array[Extension]`: May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- `modifierExtension (optional) array[Extension]`: May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
  - `number (optional) BigDecimal`: An integer with a value that is positive (e.g. >0)
  - `_number (optional) Element`
  - `type (optional) String`: The business purpose of the note text.
    - `display` "print"
    - `printoper` "print"
  - `_type (optional) Element`
  - `text (optional) String`: A sequence of Unicode characters
  - `_text (optional) Element`
- `language (optional) CodeableConcept`

ClaimResponse_SubDetail -

This resource provides the adjudication details from the processing of a Claim resource.

- `id (optional) String`: A sequence of Unicode characters
- `extension (optional) array[Extension]`: May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- `modifierExtension (optional) array[Extension]`: May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

subDetailSequence (optional)
- **BigDecimal** An integer with a value that is positive (e.g. >0)

_subDetailSequence (optional)
- **Element**

noteNumber (optional)
- **array[BigDecimal]** The numbers associated with notes below which apply to the adjudication of this item.

_noteNumber (optional)
- **array[Element]** Extensions for noteNumber

adjudication (optional)
- **array[ClaimResponse_Adjudication]** The adjudication results.

ClaimResponse_SubDetail11 -

This resource provides the adjudication details from the processing of a Claim resource.

id (optional)
- **String** A sequence of Unicode characters

extension (optional)
- **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
- **array[Extension]**

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

productOrService
- **CodeableConcept**

modifier (optional)
- **array[CodeableConcept]** Item typification or modifiers codes to convey additional context for the product or service.

quantity (optional)
- **Quantity**

unitPrice (optional)
- **Money**

factor (optional)
- **BigDecimal** A rational number with implicit precision

_factor (optional)
- **Element**

net (optional)
- **Money**

noteNumber (optional)
array[BigDecimal] The numbers associated with notes below which apply to the adjudication of this item.

noteNumber (optional) array[Element] Extensions for noteNumber

adjudication array[ClaimResponse_Adjudication] The adjudication results.

ClaimResponse_Total

This resource provides the adjudication details from the processing of a Claim resource.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

category

CodeableConcept

amount

Money

Claim_Accident

A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
date (optional)

String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_up (optional)

date (optional)

Element

type (optional)

CodeableConcept

locationAddress (optional)

Address

locationReference (optional)

Reference

Claim_CareTeam -

A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement:

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

sequence (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_up (optional)

description (optional)

Element

provider

Reference

responsible (optional)

Boolean Value of "true" or "false"

_up (optional)

description (optional)

Element

role (optional)

CodeableConcept

qualification (optional)

CodeableConcept

Claim_Detail -

A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement:

id (optional)

String A sequence of Unicode characters
extension (optional)

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

sequence (optional)

An integer with a value that is positive (e.g. >0)

_resequence (optional)

Element

revenue (optional)

CodeableConcept
category (optional)

CodeableConcept

productOrService

CodeableConcept

modifier (optional)

Item typification or modifiers codes to convey additional context for the product or service.

programCode (optional)

Identifies the program under which this may be recovered.

quantity (optional)

Quantity

unitPrice (optional)

Money

factor (optional)

A rational number with implicit precision

_factor (optional)

Element

net (optional)

Money

udi (optional)

Unique Device Identifiers associated with this line item.

subDetail (optional)

A claim detail line. Either a simple (a product or service) or a ‘group’ of sub-details which are simple Items.

Claim_Diagnosis -

A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement.

id (optional)

A sequence of Unicode characters

extension (optional)
**arrayExtension** may be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**sequence (optional)**

*BigDecimal* An integer with a value that is positive (e.g. >0)

**_sequence (optional)**

*Element*

diagnosisCodeableConcept (optional)

*CodeableConcept*

diagnosisReference (optional)

*Reference*

type (optional)

*array[CodeableConcept]* When the condition was observed or the relative ranking.

onAdmission (optional)

*CodeableConcept*

packageCode (optional)

*CodeableConcept*

Claim_Insurance -

A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*arrayExtension* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*arrayExtension*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**sequence (optional)**

*BigDecimal* An integer with a value that is positive (e.g. >0)

**_sequence (optional)**
Element focal (optional) Boolean Value of "true" or "false"

_element focal (optional)

Element identifier (optional) Identifier
coverage Reference

_businessArrangement (optional) String A sequence of Unicode characters

_element businessArrangement (optional)

Element preAuthRef (optional) array[String] Reference numbers previously provided by the insurer to the provider to be quoted on subsequent claims containing services or products related to the prior authorization.

_array[Element] Extensions for preAuthRef

_element claimResponse (optional)

Reference

Claim_Item - A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement.

_id (optional) String A sequence of Unicode characters

_array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

_array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

_array[BigDecimal] An integer with a value that is positive (e.g. >0)

_array[Element] CareTeam members related to this service or product.

_array[Element] Extensions for careTeamSequence

diagnosisSequence (optional) array[BigDecimal] Diagnosis applicable for this service or product.

_array[Element]
array[Element] Extensions for diagnosisSequence

procedureSequence (optional)
array[BigDecimal] Procedures applicable for this service or product.

_informationSequence (optional)
array[Element] Extensions for procedureSequence

informationSequence (optional)
array[BigDecimal] Exceptions, special conditions and supporting information applicable for this service or product.

_informationSequence (optional)
array[Element] Extensions for informationSequence

revenue (optional)
CodeableConcept
category (optional)
CodeableConcept

productOrService
CodeableConcept

modifier (optional)
array[CodeableConcept] Item typification or modifiers codes to convey additional context for the product or service.

programCode (optional)
array[CodeableConcept] Identifies the program under which this may be recovered.

_servicedDate (optional)
String The date or dates when the service or product was supplied, performed or completed.

_servicedDate (optional)
Element

_servicedPeriod (optional)
Period

locationCodeableConcept (optional)
CodeableConcept

locationAddress (optional)
Address

locationReference (optional)
Reference

quantity (optional)
Quantity

unitPrice (optional)
Money

factor (optional)
BigDecimal A rational number with implicit precision

_factor (optional)
Element

net (optional)
Money

udi (optional)
array[Reference] Unique Device Identifiers associated with this line item.

bodySite (optional)
CodeableConcept

subSite (optional)
array[CodeableConcept] A region or surface of the bodySite, e.g. limb region or tooth surface(s).

_encounter (optional)
array[Reference] The Encounters during which this Claim was created or to which the creation of this record is tightly associated.

detail (optional)
array[Claim_Detail] A claim detail line. Either a simple (a product or service) or a 'group' of sub-details which are simple items.

Claim_Paye -
A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type
  CodeableConcept

party (optional)
  Reference

Claim_Procedure -
A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

  sequence (optional)
  BigDecimal An integer with a value that is positive (e.g. >0)
  _sequence (optional)
type (optional)
array[CodeableConcept] When the condition was observed or the relative ranking.
date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_ (optional)
Element

procedureCodeableConcept (optional)
CodeableConcept

procedureReference (optional)
Reference

udi (optional)
array[Reference] Unique Device Identifiers associated with this line item.

Claim_Related -
A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

claim (optional)
Reference

relationship (optional)
CodeableConcept

reference (optional)
Identifier

Claim_SubDetail -
A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**sequence (optional)**

*BigDecimal* An integer with a value that is positive (e.g. >0)

**_sequence (optional)**

*Element*

**revenue (optional)**

*CodeableConcept*

**category (optional)**

*CodeableConcept*

**productOrService**

*CodeableConcept*

**modifier (optional)**

*array[CodeableConcept]* Item typification or modifiers codes to convey additional context for the product or service.

**programCode (optional)**

*array[CodeableConcept]* Identifies the program under which this may be recovered.

**quantity (optional)**

*Quantity*

**unitPrice (optional)**

*Money*

**factor (optional)**

*BigDecimal* A rational number with implicit precision

**_factor (optional)**

*Element*

**net (optional)**

*Money*

**udi (optional)**

*array[Reference]* Unique Device Identifiers associated with this line item.

---

### Claim_SupportingInfo

A provider issued list of professional services and products which have been provided, or are to be provided, to a patient which is sent to an insurer for reimbursement.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

sequence (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_oneSequence (optional)

Element
category

CodeableConcept
code (optional)

CodeableConcept
timingDate (optional)

String The date when or period to which this information refers.

_oneTimingDate (optional)

Element
timingPeriod (optional)

Period

valueBoolean (optional)

Boolean Additional data or information such as resources, documents, images etc. including references to the data or the actual inclusion of the data.

_oneValueBoolean (optional)

Element

valueString (optional)

String Additional data or information such as resources, documents, images etc. including references to the data or the actual inclusion of the data.

_oneValueString (optional)

Element

valueQuantity (optional)

Quantity

valueAttachment (optional)

Attachment

valueReference (optional)

Reference

reason (optional)

CodeableConcept

ClinicalImpression -

A record of a clinical assessment performed to determine what problem(s) may affect the patient and before planning the treatments or management strategies that are best to manage a patient's condition. Assessments are often 1:1 with a clinical consultation / encounter, but this varies greatly depending on the clinical workflow. This resource is called 'ClinicalImpression' rather than 'ClinicalAssessment' to avoid confusion with the recording of assessment tools such as Apgar score.

resourceType oas_any_type_not_mapped This is a ClinicalImpression resource

id (optional)

String Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixd OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_status (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList]
These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier]
Business identifiers assigned to this clinical impression by the performer or other systems which remain constant as the resource is updated and propagates from server to server.

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_status (optional)
Element

statusReason (optional)
CodeableConcept
code (optional)
CodeableConcept
description (optional)
String A sequence of Unicode characters

_subject
Reference

encounter (optional)
Reference
effectiveDateTime (optional)
String The point in time or period over which the subject was assessed.

effectiveDateTime (optional)
element
effectivePeriod (optional)
  Period
date (optional)
  String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types g'year, g'yearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
  _date (optional)
  Element
  assessor (optional)
  Reference
  previous (optional)
  Reference
  problem (optional)
  array[Reference] A list of the relevant problems/conditions for a patient.

investigation (optional)
  array[ClinicalImpression_Investigation] One or more sets of investigations (signs, symptoms, etc.). The actual grouping of investigations varies greatly depending on the type and context of the assessment. These investigations may include data generated during the assessment process, or data previously generated and recorded that is pertinent to the outcomes.

protocol (optional)
  array[String] Reference to a specific published clinical protocol that was followed during this assessment, and/or that provides evidence in support of the diagnosis.
  _protocol (optional)
  array[Element] Extensions for protocol

summary (optional)
  string A sequence of Unicode characters
  _summary (optional)
  Element
finding (optional)
  array[ClinicalImpression_Finding] Specific findings or diagnoses that were considered likely or relevant to ongoing treatment.

prognosisCodeableConcept (optional)
  array[CodeableConcept] Estimate of likely outcome.

prognosisReference (optional)
  array[Reference] RiskAssessment expressing likely outcome.
supportingInfo (optional)
  array[Reference] Information supporting the clinical impression.
note (optional)
  array[Annotation] Commentary about the impression, typically recorded after the impression itself was made, though supplemental notes by the original author could also appear.

ClinicalImpression_Finding -

A record of a clinical assessment performed to determine what problem(s) may affect the patient and before planning the treatments or management strategies that are best to manage a patient's condition. Assessments are often 1:1 with a clinical consultation / encounter, but this varies greatly depending on the clinical workflow. This resource is called "ClinicalImpression" rather than "ClinicalAssessment" to avoid confusion with the recording of assessment tools such as Apgar score.

id (optional)
  string A sequence of Unicode characters
extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

itemCodeableConcept (optional)

CodeableConcept

itemReference (optional)

Reference

basis (optional)

String A sequence of Unicode characters

(item (optional)

array[Reference] A record of a specific investigation that was undertaken.

ClinicalImpression_Investigation -

A record of a clinical assessment performed to determine what problem(s) may affect the patient and before planning the treatments or management strategies that are best to manage a patient's condition. Assessments are often 1:1 with a clinical consultation / encounter, but this varies greatly depending on the clinical workflow. This resource is called "ClinicalImpression" rather than "ClinicalAssessment" to avoid confusion with the recording of assessment tools such as Apgar score.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code

CodeableConcept

item (optional)

array[Reference] A record of a specific investigation that was undertaken.

CodeSystem -

The CodeSystem resource is used to declare the existence of and describe a code system or code system supplement and its key properties, and optionally define a part or all of its content.
This is a CodeSystem resource

id (optional)

String Any combination of letters, numerals, "-" and ",", with a length limit of 64 characters. (This might be an integer, an unpreixed OID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)

String String of characters used to identify a name or a resource

_url (optional)

Element

identifier (optional)

array[Identifier] A formal identifier that is used to identify this code system when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)

String A sequence of Unicode characters

_version (optional)

Element

name (optional)

String A sequence of Unicode characters

_name (optional)

Element

title (optional)

String A sequence of Unicode characters
_title (optional)
    **Element**

status (optional)
    **String** The date (and optionally time) when the code system resource was created or revised.
    Enum:
        - draft
        - active
        - retired
        - unknown

_status (optional)  
    **Element**

experimental (optional)
    **Boolean** Value of "true" or "false"

_experimental (optional) 
    **Element**

date (optional)
    **String** A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional) 
    **Element**

publisher (optional)
    **String** A sequence of Unicode characters

_publisher (optional) 
    **Element**

collection (optional)
    array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)
    **String** A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_description (optional) 
    **Element**

useContext (optional)
    array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate code system instances.

jurisdiction (optional)
    array[CodeableConcept] A legal or geographic region in which the code system is intended to be used.

purpose (optional)
    **String** A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_purpose (optional) 
    **Element**

copyright (optional)
    **String** A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_copyright (optional) 
    **Element**

caseSensitive (optional)
    **Boolean** Value of "true" or "false"

caseSensitive (optional) 
    **Element**

valueSet (optional)
    **String** A URI that is a reference to a canonical URL on a FHIR resource

valueSet (optional) 
    **Element**
hierarchyMeaning (optional)

String The meaning of the hierarchy of concepts as represented in this resource.

Enum:
  grouped-by
  is-a
  part-of
  classified-with

_hierarchyMeaning (optional)
Element

compositional (optional)

Boolean Value of “true” or “false”

__compositional (optional)
Element

versionNeeded (optional)

Boolean Value of “true” or “false”

__versionNeeded (optional)
Element

content (optional)

String The extent of the content of the code system (the concepts and codes it defines) are represented in this resource instance.

Enum:
  not-present
  example
  fragment
  complete
  supplement

__content (optional)
Element

supplements (optional)

String A URI that is a reference to a canonical URL on a FHIR resource

count (optional)

BigDecimal An integer with a value that is not negative (e.g. >= 0)

__count (optional)
Element

filter (optional)

array[CodeSystem_Filter] A filter that can be used in a value set compose statement when selecting concepts using a filter.

property (optional)

array[CodeSystem_Property] A property defines an additional slot through which additional information can be provided about a concept.

concept (optional)

array[CodeSystem_Concept] Concepts that are in the code system. The concept definitions are inherently hierarchical, but the definitions must be consulted to determine what the meanings of the hierarchical relationships are.

CodeSystem_Concept -

The CodeSystem resource is used to declare the existence of and describe a code system or code system supplement and its key properties, and optionally define a part or all of its content.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

code (optional)
Element
display (optional)
String A sequence of Unicode characters
display (optional)
Element
definition (optional)
String A sequence of Unicode characters
definition (optional)
Element
designation (optional)
array[CodeSystem_Designation] Additional representations for the concept - other languages, aliases, specialized purposes, used for particular purposes, etc.

property (optional)
array[CodeSystem_Property1] A property value for this concept.

concept (optional)
array[CodeSystem_Concept] Defines children of a concept to produce a hierarchy of concepts. The nature of the relationships is variable (is-a/contains/categorizes) - see hierarchyMeaning.

CodeSystem_Designation -

The CodeSystem resource is used to declare the existence of and describe a code system or code system supplement and its key properties, and optionally define a part or all of its content.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

language (optional)
A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

`_language (optional)

Element`

`use (optional)

Coding`

`value (optional)

String A sequence of Unicode characters`

`_value (optional)

Element`

**CodeSystem_Filter** -

The CodeSystem resource is used to declare the existence of and describe a code system or code system supplement and its key properties, and optionally define a part or all of its content.

`id (optional)

String A sequence of Unicode characters`

`extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

`code (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents`

`_code (optional)

Element`

`description (optional)

String A sequence of Unicode characters`

`_description (optional)

Element`

`operator (optional)

array[String] A list of operators that can be used with the filter.

_operator (optional)

array[Element] Extensions for operator`

`value (optional)

String A sequence of Unicode characters`

`_value (optional)

Element`

**CodeSystem_Property** -

The CodeSystem resource is used to declare the existence of and describe a code system or code system supplement and its key properties, and optionally define a part or all of its content.
id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

code (optional)

String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

code (optional)

Element

uri (optional)

String String of characters used to identify a name or a resource

_uri (optional)

Element

description (optional)

String A sequence of Unicode characters

description (optional)

Element

type (optional)

String The type of the property value. Properties of type "code" contain a code defined by the code
system (e.g. a reference to another defined concept).

Enum:
code
coding
string
integer
boolean
date
dateTime
decimal

type (optional)

Element

CodeSystem_Property1 -
Up

The CodeSystem resource is used to declare the existence of and describe a code system or code system supplement and
its key properties, and optionally define a part or all of its content.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

  _code (optional)
  Element

valueCode (optional)
  String The value of this property.

  _valueCode (optional)
  Element

valueCoding (optional)
  Coding

valueString (optional)
  String The value of this property.

  _valueString (optional)
  Element

valueInteger (optional)
  BigDecimal The value of this property.

  _valueInteger (optional)
  Element

valueBoolean (optional)
  Boolean The value of this property.

  _valueBoolean (optional)
  Element

valueDateTime (optional)
  String The value of this property.

  _valueDateTime (optional)
  Element

valueDecimal (optional)
  BigDecimal The value of this property.

  _valueDecimal (optional)
  Element

CodeableConcept -

A concept that may be defined by a formal reference to a terminology or ontology or may be provided by text.

  id (optional)
  String A sequence of Unicode characters

  extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  coding (optional)
  array[Coding] A reference to a code defined by a terminology system.
text (optional)
  String A sequence of Unicode characters
_text (optional)
  Element

Coding -

A reference to a code defined by a terminology system.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  system (optional)
    String String of characters used to identify a name or a resource

    _system (optional)
      Element

  version (optional)
    String A sequence of Unicode characters

    _version (optional)
      Element

  code (optional)
    String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

    _code (optional)
      Element

  display (optional)
    String A sequence of Unicode characters

    _display (optional)
      Element

  userSelected (optional)
    Boolean Value of "true" or "false"

    _userSelected (optional)
      Element

Communication -

An occurrence of information being transmitted; e.g. an alert that was sent to a responsible provider, a public health agency that was notified about a reportable condition.

resourceType
  oas_any_type_not_mapped This is a Communication resource

id (optional)
  String Any combination of letters, numerals, "," and ".", with a length limit of 64 characters. (This might be an integer, an unprefix OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
  Meta

  _implicitRules (optional)
    String String of characters used to identify a name or a resource

    _implicitRules (optional)
      Element

  language (optional)
string A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

language (optional)

Element
text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] Business identifiers assigned to this Communication by the performer or other systems which remain constant as the resource is updated and propagates from server to server.

instantiatesCanonical (optional)

array[String] The URL pointing to a FHIR-defined protocol, guideline, orderset or other definition that is adhered to in whole or in part by this Communication.

instantiatesUri (optional)

array[String] The URL pointing to an externally maintained protocol, guideline, orderset or other definition that is adhered to in whole or in part by this Communication.

_instantiatesUri (optional)

array[Element] Extensions for instantiatesUri

basedOn (optional)

array[Reference] An order, proposal or plan fulfilled in whole or in part by this Communication.

partOf (optional)

array[Reference] Part of this action.

inResponseTo (optional)

array[Reference] Prior communication that this communication is in response to.

status (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_status (optional)

Element

statusReason (optional)

CodeableConcept

category (optional)

array[CodeableConcept] The type of message conveyed such as alert, notification, reminder, instruction, etc.

priority (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
- _priority (optional)
  - **Element**
- medium (optional)
  - **array[CodeableConcept]** A channel that was used for this communication (e.g. email, fax).
- subject (optional)
  - **Reference**
- topic (optional)
  - **CodeableConcept**
- about (optional)
  - **array[Reference]** Other resources that pertain to this communication and to which this communication should be associated.
- encounter (optional)
  - **Reference**
- sent (optional)
  - **String** A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
- _sent (optional)
  - **Element**
- received (optional)
  - **String** A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
- _received (optional)
  - **Element**
- recipient (optional)
  - **array[Reference]** The entity (e.g. person, organization, clinical information system, care team or device) which was the target of the communication. If receipts need to be tracked by an individual, a separate resource instance will need to be created for each recipient. Multiple recipient communications are intended where either receipts are not tracked (e.g. a mass mail-out) or a receipt is captured in aggregate (all emails confirmed received by a particular time).
- sender (optional)
  - **Reference**
- reasonCode (optional)
  - **array[CodeableConcept]** The reason or justification for the communication.
- reasonReference (optional)
  - **array[Reference]** Indicates another resource whose existence justifies this communication.
- payload (optional)
  - **array[Communication_Payload]** Text, attachment(s), or resource(s) that was communicated to the recipient.
- note (optional)
  - **array[Annotation]** Additional notes or commentary about the communication by the sender, receiver or other interested parties.

**CommunicationRequest**

A request to convey information; e.g. the CDS system proposes that an alert be sent to a responsible provider, the CDS system proposes that the public health agency be notified about a reportable condition.

- **resourceType**
  - **oas_any_type_not_mapped** This is a CommunicationRequest resource
- id (optional)
  - **String** Any combination of letters, numerals, "." and ":", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.
meta (optional)
  Meta

implicitRules (optional)
  String String of characters used to identify a name or a resource
  _implicitRules (optional)
  Element

language (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
  _language (optional)
  Element

text (optional)
  Narrative

contained (optional)
  array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]

  May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
  array[Identifier] Business identifiers assigned to this communication request by the performer or other systems which remain constant as the resource is updated and propagates from server to server.

basedOn (optional)
  array[Reference] A plan or proposal that is fulfilled in whole or in part by this request.

replaces (optional)
  array[Reference] Completed or terminated request(s) whose function is taken by this new request.

groupIdentifier (optional)
  Identifier

status (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
  _status (optional)
  Element

statusReason (optional)
  CodeableConcept
category (optional)
  array[CodeableConcept] The type of message to be sent such as alert, notification, reminder, instruction, etc.
priority (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_priority (optional)

Element

doNotPerform (optional)

Boolean  Value of "true" or "false"

_medium (optional)

array[CodeableConcept]  A channel that was used for this communication (e.g. email, fax).

_subject (optional)

Reference

_about (optional)

array[Reference]  Other resources that pertain to this communication request and to which this communication request should be associated.

_encounter (optional)

Reference

_payload (optional)

array[CommunicationRequest_Payload]  Text, attachment(s), or resource(s) to be communicated to the recipient.

_occurrenceDateTime (optional)

String  The time when this communication is to occur.

_occurrencePeriod (optional)

Period

_authoredOn (optional)

String  A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date, and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_reasonCode (optional)

array[CodeableConcept]  Describes why the request is being made in coded or textual form.

_reasonReference (optional)

array[Reference]  Indicates another resource whose existence justifies this request.

_note (optional)

array[Annotation]  Comments made about the request by the requester, sender, recipient, subject or other participants.

CommunicationRequest_Payload -

A request to convey information; e.g. the CDS system proposes that an alert be sent to a responsible provider, the CDS system proposes that the public health agency be notified about a reportable condition.

_id (optional)

String  A sequence of Unicode characters

_extension (optional)

array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of...
An occurrence of information being transmitted; e.g. an alert that was sent to a responsible provider, a public health agency that was notified about a reportable condition.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

ccontentString (optional)

String The communicated content (or for multi-part communications, one portion of the communication).

__contentString (optional)

Element

ccontentAttachment (optional)

Attachment

ccontentReference (optional)

Reference
CompartmentDefinition -

A compartment definition that defines how resources are accessed on a server.

resourceType
- This is a CompartmentDefinition resource

id (optional)
- String Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This
  might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
  constraints.) Ids are case-insensitive.

meta (optional)
- Meta

implicitRules (optional)
- String String of characters used to identify a name or a resource

language (optional)
- String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

text (optional)
- Narrative

contained (optional)
- array[ResourceList] These resources do not have an independent existence apart from the resource
  that contains them - they cannot be identified independently, and nor can they have their own
  independent transaction scope.

extension (optional)
- array[Extension] May be used to represent additional information that is not part of the basic
  definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
  governance applied to the definition and use of extensions. Though any implementer can define an
  extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
- array[Extension] May be used to represent additional information that is not part of the basic
  definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the
  containing element’s descendants. Usually modifier elements provide negation or qualification. To
  make the use of extensions safe and manageable, there is a strict set of governance applied to the
  definition and use of extensions. Though any implementer is allowed to define an extension, there is a
  set of requirements that SHALL be met as part of the definition of the extension. Applications
  processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
  (including cannot change the meaning of modifierExtension itself).

url (optional)
- String String of characters used to identify a name or a resource

_version (optional)
- Version

name (optional)
- String A sequence of Unicode characters

status (optional)
**status (optional)**

*Element*

**experimental (optional)**

*Boolean* Value of "true" or "false"

**_experimental (optional)**

*Element*

**date (optional)**

*String* A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types g'year, g'YearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**_date (optional)**

*Element*

**publisher (optional)**

*String* A sequence of Unicode characters

**_publisher (optional)**

*Element*

**contact (optional)**

*array[ContactDetail]* Contact details to assist a user in finding and communicating with the publisher.

**description (optional)**

*String* A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

**_description (optional)**

*Element*

**useContext (optional)**

*array[UsageContext]* The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate compartment definition instances.

**purpose (optional)**

*String* A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

**_purpose (optional)**

*Element*

**code (optional)**

*String* Which compartment this definition describes.

**_code (optional)**

*Element*

**search (optional)**

*Boolean* Value of "true" or "false"

**_search (optional)**

*Element*

**resource (optional)**

*array[CompartmentDefinition_Resource]* Information about how a resource is related to the compartment.
CompartmentDefinition_resource -

A compartment definition that defines how resources are accessed on a server.

- **id (optional)**
  - **String** A sequence of Unicode characters

- **extension (optional)**
  - **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **code (optional)**
  - **String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **_code (optional)**
  - **Element**

- **param (optional)**
  - **array[String]** The name of a search parameter that represents the link to the compartment. More than one may be listed because a resource may be linked to a compartment in more than one way.

- **_param (optional)**
  - **array[Element]** Extensions for param

- **documentation (optional)**
  - **String** A sequence of Unicode characters

- **_documentation (optional)**
  - **Element**

Composition -

A set of healthcare-related information that is assembled together into a single logical package that provides a single coherent statement of meaning, establishes its own context and that has clinical attestation with regard to who is making the statement. A Composition defines the structure and narrative content necessary for a document. However, a Composition alone does not constitute a document. Rather, the Composition must be the first entry in a Bundle where Bundle.type=document, and any other resources referenced from Composition must be included as subsequent entries in the Bundle (for example Patient, Practitioner, Encounter, etc.).

- **resourceType**
  - **oas_any_type_not_mapped** This is a Composition resource

- **id (optional)**
  - **String** Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta (optional)**
  - **Meta**

- **implicitRules (optional)**
  - **String** String of characters used to identify a name or a resource

  - **_implicitRules (optional)**
    - **Element**
language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

Identifier

status (optional)

String The workflow/clinical status of this composition. The status is a marker for the clinical standing of the document.

Enum:

- preliminary
- final
- amended
- entered-in-error

_category (optional)

Array[CodeableConcept] A categorization for the type of the composition - helps for indexing and searching. This may be implied by or derived from the code specified in the Composition Type.

subject (optional)

Reference

counter (optional)

Reference
date (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
array[Reference] identifies who is responsible for the information in the composition, not necessarily who typed it in.

title (optional)
String A sequence of Unicode characters
∈_title (optional)
Element

confidentiality (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
∈_confidentiality (optional)
Element

attester (optional)
array[Composition_Attester] A participant who has attested to the accuracy of the composition/document.
custodian (optional)
Reference

relatesTo (optional)
array[Composition_RelatesTo] Relationships that this composition has with other compositions or documents that already exist.
event (optional)
array[Composition_Event] The clinical service, such as a colonoscopy or an appendectomy, being documented.

section (optional)
array[Composition_Section] The root of the sections that make up the composition.

Composition_Attester -

A set of healthcare-related information that is assembled together into a single logical package that provides a single coherent statement of meaning, establishes its own context and that has clinical attestation with regard to who is making the statement. A Composition defines the structure and narrative content necessary for a document. However, a Composition alone does not constitute a document. Rather, the Composition must be the first entry in a Bundle where Bundle.type=document, and any other resources referenced from Composition must be included as subsequent entries in the Bundle (for example Patient, Practitioner, Encounter, etc.).

id (optional)
String A sequence of Unicode characters
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Mode extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

mode (optional)
String The type of attestation the authenticator offers.
Enum: personal, professional, legal
Composition_Event -

A set of healthcare-related information that is assembled together into a single logical package that provides a single coherent statement of meaning, establishes its own context and that has clinical attestation with regard to who is making the statement. A Composition defines the structure and narrative content necessary for a document. However, a Composition alone does not constitute a document. Rather, the Composition must be the first entry in a Bundle where Bundle.type=document, and any other resources referenced from Composition must be included as subsequent entries in the Bundle (for example Patient, Practitioner, Encounter, etc.).

id (optional)

String A sequence of Unicode characters

element (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)

array[CodeableConcept] This list of codes represents the main clinical acts, such as a colonoscopy or an appendectomy, being documented. In some cases, the event is inherent in the typeCode, such as a "History and Physical Report" in which the procedure being documented is necessarily a "History and Physical" act.

period (optional)

Period

detail (optional)

array[Reference] The description and/or reference of the event(s) being documented. For example, this could be used to document such a colonoscopy or an appendectomy.

Composition_RelatesTo -

A set of healthcare-related information that is assembled together into a single logical package that provides a single coherent statement of meaning, establishes its own context and that has clinical attestation with regard to who is making the statement. A Composition defines the structure and narrative content necessary for a document. However, a Composition alone does not constitute a document. Rather, the Composition must be the first entry in a Bundle where Bundle.type=document, and any other resources referenced from Composition must be included as subsequent entries in the Bundle (for example Patient, Practitioner, Encounter, etc.).
id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

code (optional)

Element
targetIdentifier (optional)

Identifier
targetReference (optional)

Reference

Composition_Section -

A set of healthcare-related information that is assembled together into a single logical package that provides a single coherent statement of meaning, establishes its own context and that has clinical attestation with regard to who is making the statement. A Composition defines the structure and narrative content necessary for a document. However, a Composition alone does not constitute a document. Rather, the Composition must be the first entry in a Bundle where Bundle.type=document, and any other resources referenced from Composition must be included as subsequent entries in the Bundle (for example Patient, Practitioner, Encounter, etc.).

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

title (optional)

String A sequence of Unicode characters
ConceptMap - A statement of relationships from one set of concepts to one or more other concepts - either concepts in code systems, or data element/data element concepts, or classes in class models.

resourceType
  `oas_any_type_not_mapped` This is a ConceptMap resource

id (optional)
  `String` Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefix OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
  `Meta`

implicitRules (optional)
  `String` String of characters used to identify a name or a resource

language (optional)
  `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

text (optional)
  `Narrative`

contained (optional)
  `array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
  `array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**ModifierExtension (optional)**

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**url (optional)**

`String` String of characters used to identify a name or a resource

`_url (optional)`

`Element`

**identifier (optional)**

`Identifier`

**version (optional)**

`String` A sequence of Unicode characters

`_version (optional)`

`Element`

**name (optional)**

`String` A sequence of Unicode characters

`_name (optional)`

`Element`

**title (optional)**

`String` A sequence of Unicode characters

`_title (optional)`

`Element`

**status (optional)**

`String` The status of this concept map. Enables tracking the life-cycle of the content.

Enum:

- draft
- active
- retired
- unknown

`_status (optional)`

`Element`

**experimental (optional)**

`Boolean` Value of "true" or "false"

`_experimental (optional)`

`Element`

**date (optional)**

`String` A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

`_date (optional)`

`Element`

**publisher (optional)**

`String` A sequence of Unicode characters

`_publisher (optional)`

`Element`
contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)
Element

useContext (optional)
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate concept map instances.

description (optional)
array[CodeableConcept] A legal or geographic region in which the concept map is intended to be used.

purpose (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_purpose (optional)
Element

copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_copyright (optional)
Element

sourceUri (optional)
String Identifier for the source value set that contains the concepts that are being mapped and provides context for the mappings.

_sourceUri (optional)
Element

sourceCanonical (optional)
String Identifier for the source value set that contains the concepts that are being mapped and provides context for the mappings.

_sourceCanonical (optional)
Element

targetUri (optional)
String The target value set provides context for the mappings. Note that the mapping is made between concepts, not between value sets, but the value set provides important context about how the concept mapping choices are made.

_targetUri (optional)
Element

targetCanonical (optional)
String The target value set provides context for the mappings. Note that the mapping is made between concepts, not between value sets, but the value set provides important context about how the concept mapping choices are made.

_targetCanonical (optional)
Element

group (optional)
array[ConceptMap_Group] A group of mappings that all have the same source and target system.

ConceptMap_Dependson -

A statement of relationships from one set of concepts to one or more other concepts - either concepts in code systems, or data element/data element concepts, or classes in class models.

id (optional)
String A sequence of Unicode characters

extension (optional)
arrayExtension May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
arrayExtension

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendents. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

property (optional)

String String of characters used to identify a name or a resource

_property (optional)

Element

system (optional)

String A URI that is a reference to a canonical URL on a FHIR resource

value (optional)

String A sequence of Unicode characters

_value (optional)

Element
display (optional)

String A sequence of Unicode characters

_display (optional)

Element

ConceptMap_Element -

A statement of relationships from one set of concepts to one or more other concepts - either concepts in code systems, or
data element/data element concepts, or classes in class models.

id (optional)

String A sequence of Unicode characters

extension (optional)

arrayExtension May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

arrayExtension

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendents. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

code (optional)

String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents
code (optional)
   Element

   display (optional)
   String A sequence of Unicode characters

   _display (optional)
   Element

target (optional)
   array[ConceptMap_Target] A concept from the target value set that this concept maps to.

ConceptMap_Group -

A statement of relationships from one set of concepts to one or more other concepts - either concepts in code systems, or data element/data element concepts, or classes in class models.

   id (optional)
   String A sequence of Unicode characters

   extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   modifierExtension (optional)
   array[Extension]

   May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

   Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

   source (optional)
   String String of characters used to identify a name or a resource

   _source (optional)
   Element

   sourceVersion (optional)
   String A sequence of Unicode characters

   _sourceVersion (optional)
   Element

   target (optional)
   String String of characters used to identify a name or a resource

   _target (optional)
   Element

   targetVersion (optional)
   String A sequence of Unicode characters

   _targetVersion (optional)
   Element

   element
   array[ConceptMap_Element] Mappings for an individual concept in the source to one or more concepts in the target.

   unmapped (optional)
   ConceptMap_Unmapped
A statement of relationships from one set of concepts to one or more other concepts - either concepts in code systems, or data element/data element concepts, or classes in class models.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**code (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

-_code (optional)

*Element*

**display (optional)**

*String* A sequence of Unicode characters

-_display (optional)

*Element*

**equivalence (optional)**

*String* The equivalence between the source and target concepts (counting for the dependencies and products). The equivalence is read from target to source (e.g. the target is ‘wider’ than the source).

Enum:

- relatedto
- equivalent
- equal
- wider
- subsumes
- narrower
- specializes
- inexact
- unmatched
- disjoint

-_equivalence (optional)

*Element*

**comment (optional)**

*String* A sequence of Unicode characters

-_comment (optional)

*Element*

**dependsOn (optional)**

*array[ConceptMap_DependsOn]* A set of additional dependencies for this mapping to hold. This mapping is only applicable if the specified element can be resolved, and it has the specified value.

**product (optional)**

*array[ConceptMap_DependsOn]* A set of additional outcomes from this mapping to other elements. To properly execute this mapping, the specified element must be mapped to some data element or source that is in context. The mapping may still be useful without a place for the additional data elements, but the equivalence cannot be relied on.
ConceptMap-Unmapped

A statement of relationships from one set of concepts to one or more other concepts - either concepts in code systems, or data element/data element concepts, or classes in class models.

- **id (optional)**
  - **String**: A sequence of Unicode characters

- **extension (optional)**
  - **array[Extension]**: May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - **array[Extension]**: May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **mode (optional)**
  - **String**: Defines which action to take if there is no match for the source concept in the target system designated for the group. One of 3 actions are possible: use the unmapped code (this is useful when doing a mapping between versions, and only a few codes have changed), use a fixed code (a default code), or alternatively, a reference to a different concept map can be provided (by canonical URL).

  Enum:
  - *provided*
  - *fixed*
  - *other-map*

- **code (optional)**
  - **String**: A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **display (optional)**
  - **String**: A sequence of Unicode characters

- **url (optional)**
  - **String**: A URI that is a reference to a canonical URL on a FHIR resource

Condition

A clinical condition, problem, diagnosis, or other event, situation, issue, or clinical concept that has risen to a level of concern.

- **resourceType**
  - **oas_any_type_not_mapped**: This is a Condition resource

- **id (optional)**
  - **String**: Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta (optional)**
  - **Meta**
implicitRules (optional)

String String of characters used to identify a name or a resource

_implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] Business identifiers assigned to this condition by the performer or other systems which remain constant as the resource is updated and propagates from server to server.

clinicalStatus (optional)

CodeableConcept

verificationStatus (optional)

CodeableConcept

category (optional)

array[CodeableConcept] A category assigned to the condition.

severity (optional)

CodeableConcept
code (optional)

CodeableConcept

bodySite (optional)

array[CodeableConcept] The anatomical location where this condition manifests itself.

subject

Reference

encounter (optional)

Reference

onsetDateTime (optional)

String Estimated or actual date or date-time the condition began, in the opinion of the clinician.

_onsetDateTime (optional)

Element
onsetAge (optional)

Age

onsetPeriod (optional)

Period

onsetRange (optional)

Range

onsetString (optional)

String Estimated or actual date or date-time the condition began, in the opinion of the clinician.

_abonsetString (optional)

Element

abatementDateTime (optional)

String The date or estimated date that the condition resolved or went into remission. This is called "abatement" because of the many overloaded connotations associated with "remission" or "resolution" - Conditions are never really resolved, but they can abate.

_abatementDateTime (optional)

Element

abatementAge (optional)

Age

abatementPeriod (optional)

Period

abatementRange (optional)

Range

abatementString (optional)

String The date or estimated date that the condition resolved or went into remission. This is called "abatement" because of the many overloaded connotations associated with "remission" or "resolution" - Conditions are never really resolved, but they can abate.

_abatementString (optional)

Element

recordedDate (optional)

String A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_recordedDate (optional)

Element

recorder (optional)

Reference

asserter (optional)

Reference

stage (optional)

array[Condition_Stage] Clinical stage or grade of a condition. May include formal severity assessments.

evidence (optional)

array[Condition_Evidence] Supporting evidence / manifestations that are the basis of the Condition's verification status, such as evidence that confirmed or refuted the condition.

note (optional)

array[Annotation] Additional information about the Condition. This is a general notes/comments entry for description of the Condition, its diagnosis and prognosis.

Condition_Evidence -

A clinical condition, problem, diagnosis, or other event, situation, issue, or clinical concept that has risen to a level of concern.

id (optional)

String A sequence of Unicode characters

extension (optional)
arrayExtension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
arrayExtension

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

code (optional)
arrayCodeableConcept A manifestation or symptom that led to the recording of this condition.
detail (optional)
arrayReference Links to other relevant information, including pathology reports.

Condition_Stage -

A clinical condition, problem, diagnosis, or other event, situation, issue, or clinical concept that has risen to a level of
concern.

id (optional)
String A sequence of Unicode characters

description (optional)
arrayExtension

May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
arrayExtension

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

summary (optional)
CodeableConcept

average (optional)
arrayReference Reference to a formal record of the evidence on which the staging assessment is
based.

type (optional)
CodeableConcept

Consent -

A record of a healthcare consumer’s choices, which permits or denies identified recipient(s) or recipient role(s) to
perform one or more actions within a given policy context, for specific purposes and periods of time.

resourceType
This is a Consent resource

id (optional)
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta
implicitRules (optional)
String String of characters used to identify a name or a resource

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

status (optional)
String Indicates the current state of this consent.

Enum:
draft
proposed
active
rejected
inactive
entered-in-error

scope
CodeableConcept

category
CodeableConcept A classification of the type of consents found in the statement. This element supports indexing and retrieval of consent statements.
patient (optional)

reference

dateTime (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types g'year, g'YearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_time (optional)

element

performer (optional)

array[reference] Either the Grantor, which is the entity responsible for granting the rights listed in a Consent Directive or the Grantee, which is the entity responsible for complying with the Consent Directive, including any obligations or limitations on authorizations and enforcement of prohibitions.

organization (optional)

array[reference] The organization that manages the consent, and the framework within which it is executed.

sourceAttachment (optional)

attachment

sourceReference (optional)

reference

policy (optional)

array[consentPolicy] The references to the policies that are included in this consent scope. Policies may be organizational, but are often defined jurisdictionally, or in law.

policyRule (optional)

codeableConcept

verification (optional)

array[consentVerification] Whether a treatment instruction (e.g. artificial respiration yes or no) was verified with the patient, his/her family or another authorized person.

provision (optional)

consentProvision

Consent_Actor

A record of a healthcare consumer's choices, which permits or denies identified recipient(s) or recipient role(s) to perform one or more actions within a given policy context, for specific purposes and periods of time.

id (optional)

string A sequence of Unicode characters

extension (optional)

array[extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a set of requirements that SHALL be met as part of the definition of the extension. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a set of grammar applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

role

codeableconcept
Consent_Data -
A record of a healthcare consumer’s choices, which permits or denies identified recipient(s) or recipient role(s) to perform one or more actions within a given policy context, for specific purposes and periods of time.

id (optional)
`String` A sequence of Unicode characters

extension (optional)
`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

meaning (optional)
`String` How the resource reference is interpreted when testing consent restrictions.
`Enum`:
- `instance`
- `related`
- `dependents`
- `authoredby`

meaning (optional)
`Element`

reference
`Reference`

Consent_Policy -
A record of a healthcare consumer’s choices, which permits or denies identified recipient(s) or recipient role(s) to perform one or more actions within a given policy context, for specific purposes and periods of time.

id (optional)
`String` A sequence of Unicode characters

extension (optional)
`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Consent_Provision -

A record of a healthcare consumer’s choices, which permits or denies identified recipient(s) or recipient role(s) to perform one or more actions within a given policy context, for specific purposes and periods of time.

- **id (optional)**
  - String A sequence of Unicode characters

- **extension (optional)**
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **type (optional)**
  - String Action to take - permit or deny - when the rule conditions are met. Not permitted in root rule, required in all nested rules.
    - Enum:
      - deny
      - permit

- **period (optional)**
  - Period

- **actor (optional)**
  - array[Consent_Actor] Who or what is controlled by this rule. Use group to identify a set of actors by some property they share (e.g. ‘admitting officers’).

- **action (optional)**
  - array[CodeableConcept] Actions controlled by this Rule.

- **securityLabel (optional)**
  - array[Coding] A security label, comprised of 0..* security label fields (Privacy tags), which define which resources are controlled by this exception.

- **purpose (optional)**
  - array[Coding] The context of the activities a user is taking - why the user is accessing the data - that are controlled by this rule.

- **class (optional)**
Consent_Verification -

A record of a healthcare consumer’s choices, which permits or denies identified recipient(s) or recipient role(s) to perform one or more actions within a given policy context, for specific purposes and periods of time.

id (optional)

String A sequence of Unicode characters

description (optional)

string

extension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

verified (optional)

Boolean Value of “true” or “false”

_verified (optional)

Element

verifiedWith (optional)

Reference

verificationDate (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_verificationDate (optional)

Element

ContactDetail -

Specifies contact information for a person or organization.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

name (optional)

_\text{name} \text{(optional)}

Telecom (optional) The contact details for the individual (if a name was provided) or the organization.

\text{ContactPoint} -

Details for all kinds of technology mediated contact points for a person or organization, including telephone, email, etc.

id (optional)

\text{id} \text{ (optional)}

extension (optional)

array[\text{Extension}] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

system (optional)

\text{system} \text{ (optional)}

value (optional)

\text{value} \text{ (optional)}

use (optional)

\text{use} \text{ (optional)}

rank (optional)

\text{rank} \text{ (optional)}

period (optional)

\text{period} \text{ (optional)}

Contract -

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

resourceType
This is a Contract resource

id (optional)

String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

_language (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] Unique identifier for this Contract or a derivative that references a Source Contract.

url (optional)

String String of characters used to identify a name or a resource

_version (optional)

Element

version (optional)

String A sequence of Unicode characters

_status (optional)

Element

status (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_status (optional)

Element

legalState (optional)

CodeableConcept
instantiatesCanonical (optional)
   Reference

instantiatesUri (optional)
   String string of characters used to identify a name or a resource

   _instantiatesUri (optional)
   Element

contentDerivative (optional)
   CodeableConcept

issued (optional)
   String A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are
   specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
   gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
   zero-filled and may be ignored. Dates SHALL be valid dates.

   _issued (optional)
   Element

applies (optional)
   Period

expirationType (optional)
   CodeableConcept

subject (optional)
   array[Reference] The target entity impacted by or of interest to parties to the agreement.

authority (optional)
   array[Reference] A formally or informally recognized grouping of people, principals, organizations, or
   jurisdictions formed for the purpose of achieving some form of collective action such as the
   promulgation, administration and enforcement of contracts and policies.

domain (optional)
   array[Reference] Recognized governance framework or system operating with a circumscribed scope in
   accordance with specified principles, policies, processes or procedures for managing rights, actions, or
   behaviors of parties or principals relative to resources.

site (optional)
   array[Reference] Sites in which the contract is complied with, exercised, or in force.

name (optional)
   String A sequence of Unicode characters

   _name (optional)
   Element

title (optional)
   String A sequence of Unicode characters

   _title (optional)
   Element

subtitle (optional)
   String A sequence of Unicode characters

   _subtitle (optional)
   Element

alias (optional)
   array[string] Alternative representation of the title for this Contract definition, derivative, or instance
   in any legal state, e.g., a domain specific contract number related to legislation.

   _alias (optional)
   array[Element] Extensions for alias

author (optional)
   Reference

scope (optional)
   CodeableConcept

topicCodeableConcept (optional)
   CodeableConcept
topicReference (optional)  
  Reference

type (optional)  
  CodeableConcept

subType (optional)  
  array[CodeableConcept] Sub-category for the Contract that distinguishes the kinds of systems that would be interested in the Contract within the context of the Contract's scope.

contentDefinition (optional)  
  Contract_ContentDefinition

term (optional)  
  array[Contract_Term] One or more Contract Provisions, which may be related and conveyed as a group, and may contain nested groups.

supportingInfo (optional)  
  array[Reference] Information that may be needed by/relevant to the performer in their execution of this term action.

relevantHistory (optional)  
  array[Reference] Links to Provenance records for past versions of this Contract definition, derivative, or instance, which identify key state transitions or updates that are likely to be relevant to a user looking at the current version of the Contract. The Provence.entity indicates the target that was changed in the update. http://build.fhir.org/provenance-definitions.html#Provenance.entity.

signer (optional)  
  array[Contract_Signer] Parties with legal standing in the Contract, including the principal parties, the grantor(s) and grantee(s), which are any person or organization bound by the contract, and any ancillary parties, which facilitate the execution of the contract such as a notary or witness.

friendly (optional)  
  array[Contract_Friendly] The "patient friendly language" version of the Contract in whole or in parts. "Patient friendly language" means the representation of the Contract and Contract Provisions in a manner that is readily accessible and understandable by a layperson in accordance with best practices for communication styles that ensure that those agreeing to or signing the Contract understand the roles, actions, obligations, responsibilities, and implication of the agreement.

legal (optional)  
  array[Contract_Legal] List of Legal expressions or representations of this Contract.

rule (optional)  

legallyBindingAttachment (optional)  
  Attachment

legallyBindingReference (optional)  
  Reference

Contract_Action -  

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

id (optional)  
  String A sequence of Unicode characters

extension (optional)  
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
  array[Extension]  

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

```xml
<extension name="doNotPerform" valueElement="true"/>

<extension name="_doNotPerform" valueElement="true"/>
```

doNotPerform (optional)  
Boolean  Value of "true" or "false"

_type CodeableConcept

subject (optional)  
array["Contract_Scenario"] Entity of the action.

_intent CodeableConcept

_linkId (optional)  
array[String] Id [identifier??] of the clause or question text related to this action in the referenced form or QuestionnaireResponse.

_contextLinkId (optional)  
array[Element] Extensions for linkId

_status CodeableConcept

_occurrenceDateTime (optional)  
String  When action happens.

_occurrencePeriod (optional)  
Period

_occurrenceTiming (optional)  
Timing

requester (optional)  
array["Contract_Scenario"] Who or what initiated the action and has responsibility for its activation.

_requesterLinkId (optional)  
array[Element] Extensions for requesterLinkId

performerType (optional)  
array["CodeableConcept"] The type of individual that is desired or required to perform or not perform the action.

_performerRole (optional)  
"CodeableConcept"

_performer (optional)  
"Reference"

_performerLinkId (optional)  
array[String] Id [identifier??] of the clause or question text related to the reason type or reference of this action in the referenced form or QuestionnaireResponse.
reasonCode (optional)
array[CodeableConcept] Rationale for the action to be performed or not performed. Describes why the action is permitted or prohibited.

reasonReference (optional)
array[Reference] Indicates another resource whose existence justifies permitting or not permitting this action.

reason (optional)
array[String] Describes why the action is to be performed or not performed in textual form.

_reason (optional)
array[Element] Extensions for reason

reasonLinkId (optional)
array[String] Id [identifier?] of the clause or question text related to the reason type or reference of this action in the referenced form or QuestionnaireResponse.

_reasonLinkId (optional)
array[Element] Extensions for reasonLinkId

note (optional)
array[Annotation] Comments made about the term action made by the requester, performer, subject or other participants.

securityLabelNumber (optional)
array[BigDecimal] Security labels that protects the action.

_securityLabelNumber (optional)
array[Element] Extensions for securityLabelNumber

Contract_Answe
Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

valueBoolean (optional)
Boolean Response to an offer clause or question text, which enables selection of values to be agreed to, e.g., the period of participation, the date of occupancy of a rental, warrently duration, or whether biospecimen may be used for further research.

_valueBoolean (optional)
Element

valueDecimal (optional)
BigDecimal Response to an offer clause or question text, which enables selection of values to be agreed to, e.g., the period of participation, the date of occupancy of a rental, warrently duration, or whether biospecimen may be used for further research.
_valueDecimal (optional)  
**Element**  

_valueInteger (optional)  
**Element**  

_valueDate (optional)  
**Element**  

_valueDateTime (optional)  
**Element**  

_valueTime (optional)  
**Element**  

_valueString (optional)  
**Element**  

_valueUri (optional)  
**Element**  

_valueAttachment (optional)  
**Attachment**  

_valueCoding (optional)  
**Coding**  

_valueQuantity (optional)  
**Quantity**  

_valueReference (optional)  
**Reference**  

**Contract_Asset** - 
Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.  

_id (optional)  
**String**  
A sequence of Unicode characters  

_extension (optional)  
**array[Extension]**  
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**scope (optional)**

*CodeableConcept*

type (optional)

array[CodeableConcept] Target entity type about which the term may be concerned.

**typeReference (optional)**

array[Reference] Associated entities.

**subtype (optional)**

array[CodeableConcept] May be a subtype or part of an offered asset.

**relationship (optional)**

*Coding*

class (optional)

array[Contract_Context] Circumstance of the asset.

**condition (optional)**

*String* A sequence of Unicode characters

**periodType (optional)**

array[CodeableConcept] Type of Asset availability for use or ownership.

**period (optional)**

array[Period] Asset relevant contractual time period.

**usePeriod (optional)**

array[Period] Time period of asset use.

text (optional)

*String* A sequence of Unicode characters

**text (optional)**

*Element*

linkId (optional)

array[String] Id [identifier??] of the clause or question text about the asset in the referenced form or QuestionnaireResponse.

answer (optional)

array[Contract_Answer] Response to assets.

**securityLabelNumber (optional)**

array[BigDecimal] Security labels that protects the asset.

**valuedItem (optional)**

array[Contract_ValuedItem] Contract Valued Item List.
**Contract_ContentDefinition**

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

- **id (optional)**
  - `String` A sequence of Unicode characters

- **extension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **type** `CodeableConcept`

- **subType (optional)**
  - `CodeableConcept`

- **publisher (optional)**
  - `Reference`

- **publicationDate (optional)**
  - `String` A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

- **_publicationDate (optional)**
  - `Element`

- **publicationStatus (optional)**
  - `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **_publicationStatus (optional)**
  - `Element`

- **copyright (optional)**
  - `String` A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

- **_copyright (optional)**
  - `Element`

---

**Contract_Context**

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

- **id (optional)**
  - `String` A sequence of Unicode characters

- **extension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

reference (optional)
Reference
code (optional)
array[CodeableConcept] Coded representation of the context generally or of the Referenced entity, such as the asset holder type or location.
text (optional)
String A sequence of Unicode characters
_text (optional)
Element

Contract_Friendly -
Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

id (optional)
String A sequence of Unicode characters
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

contentAttachment (optional)
Attachment
contentReference (optional)
Reference

Contract_Legal -
Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

id (optional)
String A sequence of Unicode characters
extension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**contentAttachment (optional)**

`Attachment`

**contentReference (optional)**

`Reference`

### Contract_Offer

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

**id (optional)**

`String` A sequence of Unicode characters

**extension (optional)**

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

`array[Identifier]` Unique identifier for this particular Contract Provision.

**party (optional)**


**topic (optional)**

`Reference`

**type (optional)**

`CodeableConcept`

**decision (optional)**

`CodeableConcept`

**decisionMode (optional)**

`array[CodeableConcept]` How the decision about a Contract was conveyed.

**answer (optional)**

`array[Contract_Answer]` Response to offer text.

**text (optional)**
String A sequence of Unicode characters

Element

linkId (optional)

array[String] The id of the clause or question text of the offer in the referenced questionnaire/response.

linkId (optional)

array[Element] Extensions for linkId

securityLabelNumber (optional)

array[BigDecimal] Security labels that protects the offer.

securityLabelNumber (optional)

array[Element] Extensions for securityLabelNumber

Contract_Party

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

reference

array[Reference] Participant in the offer.

role

CodeableConcept

Contract_Rule

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**contentAttachment (optional)**

*Attachment*

**contentReference (optional)**

*Reference*

**Contract_SecurityLabel** -

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **number (optional)**
  - *array[BigDecimal]* Number used to link this term or term element to the applicable Security Label.

- **_number (optional)**
  - *array[Element]* Extensions for number

- **classification**
  - *Coding*

- **category (optional)**
  - *array[Coding]* Security label privacy tag that species the applicable privacy and security policies governing this term and/or term elements.

- **control (optional)**
  - *array[Coding]* Security label privacy tag that species the manner in which term and/or term elements are to be protected.

**Contract_Signer** -

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type
Coding
party
Reference

signature
array[Signature] Legally binding Contract DSIG signature contents in Base64.

Contract_Subject -

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

reference
array[Reference] The entity the action is performed or not performed on or for.

role (optional)
CodeableConcept

Contract_Term -

Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. modifierExtension (optional)
array[Extension]
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier** (optional)
Identifier

**issued** (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**_issued** (optional)
Element

**applies** (optional)
Period

**topicCodeableConcept** (optional)
CodeableConcept

**topicReference** (optional)
Reference

**type** (optional)
CodeableConcept

**subType** (optional)
CodeableConcept

**text** (optional)
String A sequence of Unicode characters

**_text** (optional)
Element

**securityLabel** (optional)
array[Contract_SecurityLabel] Security labels that protect the handling of information about the term and its elements, which may be specifically identified.

**offer**
Contract_Offer

**asset** (optional)
array[Contract_Asset] Contract Term Asset List.

**action** (optional)
array[Contract_Action] An actor taking a role in an activity for which it can be assigned some degree of responsibility for the activity taking place.

**group** (optional)

**Contract_ValuedItem**
Legally enforceable, formally recorded unilateral or bilateral directive i.e., a policy or agreement.

**id** (optional)
String A sequence of Unicode characters

**extension** (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

**modifierExtension** (optional)
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

entityCodeableConcept (optional)
  CodeableConcept
entityReference (optional)
  Reference
identifier (optional)
  Identifier
effectiveTime (optional)
  String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
  _effectiveTime (optional)
  Element
quantity (optional)
  Quantity
unitPrice (optional)
  Money
factor (optional)
  BigDecimal A rational number with implicit precision
  _factor (optional)
  Element
points (optional)
  BigDecimal A rational number with implicit precision
  _points (optional)
  Element
net (optional)
  Money
payment (optional)
  String A sequence of Unicode characters
  _payment (optional)
  Element
paymentDate (optional)
  String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
  _paymentDate (optional)
  Element
responsible (optional)
  Reference
recipient (optional)
  Reference
linkId (optional)
  array[String] Id of the clause or question text related to the context of this valuedItem in the referenced form or QuestionnaireResponse.
_linkId (optional)
array[Element] Extensions for linkId

securityLabelNumber (optional)
array[BigDecimal] A set of security labels that define which terms are controlled by this condition.

_securityLabelNumber (optional)
array[Element] Extensions for securityLabelNumber

**Contributor** -
A contributor to the content of a knowledge asset, including authors, editors, reviewers, and endorsers.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

type (optional)
String The type of contributor.
Enum:
  - author
  - editor
  - reviewer
  - endorser

_type (optional)
Element

name (optional)
String A sequence of Unicode characters

_name (optional)
Element

contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the contributor.

**Count** -
A measured amount (or an amount that can potentially be measured). Note that measured amounts include amounts that are not precisely quantified, including amounts involving arbitrary units and floating currencies.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

value (optional)
BigDecimal A rational number with implicit precision

_comparator (optional)
String How the value should be understood and represented; whether the actual value is greater or less than the stated value due to measurement issues; e.g. if the comparator is '<', then the real value is < stated value.
Enum:
  - <
  - <=
  - >=
  - >
 Coverage -

Financial instrument which may be used to reimburse or pay for health care products and services. Includes both insurance and self-payment.

 resourceType

This is a Coverage resource

id (optional)

Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints. Ids are case-insensitive.

meta (optional)

implicitRules (optional)

String String of characters used to identify a name or a resource

extension (optional)

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] A unique identifier assigned to this coverage.

status (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_policy (optional)
Element

type (optional)
  CodeableConcept

policyHolder (optional)
Reference

subscriber (optional)
Reference

subscriberId (optional)
  String A sequence of Unicode characters

_policy (optional)
Element

beneficiary
Reference

dependent (optional)
  String A sequence of Unicode characters

_policy (optional)
Element

relationship (optional)
  CodeableConcept

period (optional)
Period

payor array[Reference] The program or plan underwriter or payor including both insurance and non-insurance agreements, such as patient-pay agreements.

class (optional)
array[Coding] A suite of underwriter specific classifiers.

order (optional)
BigDecimal An integer with a value that is positive (e.g. >0)

_policy (optional)
Element

network (optional)
  String A sequence of Unicode characters

_policy (optional)
Element

costToBeneficiary (optional)
array[Coding] A suite of codes indicating the cost category and associated amount which have been detailed in the policy and may have been included on the health card.

subrogation (optional)
  Boolean Value of “true” or “false”

_policy (optional)
Element

contract (optional)
array[Reference] The policy(s) which constitute this insurance coverage.
The CoverageEligibilityRequest provides patient and insurance coverage information to an insurer for them to respond, in the form of an CoverageEligibilityResponse, with information regarding whether the stated coverage is valid and in-force and optionally to provide the insurance details of the policy.

- **resourceType**
  - `oas_any_type_not_mapped` This is a CoverageEligibilityRequest resource

- **id (optional)**
  - `String` Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta (optional)**
  - `Meta`

- **implicitRules (optional)**
  - `String` String of characters used to identify a name or a resource

- **_implicitRules (optional)**
  - `Element`

- **language (optional)**
  - `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **_language (optional)**
  - `Element`

- **text (optional)**
  - `Narrative`

- **contained (optional)**
  - `array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **identifier (optional)**
  - `array[Identifier]` A unique identifier assigned to this coverage eligiblity request.

- **status (optional)**
  - `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **_status (optional)**
  - `Element`

- **priority (optional)**
  - `CodeableConcept`

- **purpose (optional)**
  - `array[String]` Code to specify whether requesting: prior authorization requirements for some service categories or billing codes; benefits for coverages specified or discovered; discovery and return of...
coverages for the patient; and/or validation that the specified coverage is in-force at the date/period specified or 'now' if not specified.

Enum:

- purpose (optional)
  - array[Element] Extensions for purpose

- patient
  - Reference

- servicedDate (optional)
  - String The date or dates when the enclosed suite of services were performed or completed.

- servicedDate (optional)
  - Element

- servicedPeriod (optional)
  - Period

- created (optional)
  - String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

- _created (optional)
  - Element

- enterer (optional)
  - Reference

- provider (optional)
  - Reference

- insurer
  - Reference

- facility (optional)
  - Reference

- supportingInfo (optional)
  - array[CoverageEligibilityRequest_SupportingInfo] Additional information codes regarding exceptions, special considerations, the condition, situation, prior or concurrent issues.

- insurance (optional)
  - array[CoverageEligibilityRequest_Insurance] Financial instruments for reimbursement for the healthcare products and services.

- item (optional)
  - array[CoverageEligibilityRequest_Item] Service categories or billable services for which benefit details and/or an authorization prior to service delivery may be required by the payor.

CoverageEligibilityRequest_Diagnosis -

The CoverageEligibilityRequest provides patient and insurance coverage information to an insurer for them to respond, in the form of an CoverageEligibilityResponse, with information regarding whether the stated coverage is valid and in-force and optionally to provide the insurance details of the policy.

- id (optional)
  - String A sequence of Unicode characters

- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- modifierExtension (optional)
  - array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

```
diagnosisCodeableConcept (optional)
  CodeableConcept

diagnosisReference (optional)
  Reference
```

CoverageEligibilityRequest_Insurance -

The CoverageEligibilityRequest provides patient and insurance coverage information to an insurer for them to respond, in the form of an CoverageEligibilityResponse, with information regarding whether the stated coverage is valid and in-force and optionally to provide the insurance details of the policy.

```
id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

focal (optional)
  Boolean Value of "true" or "false"

  _focal (optional)
  Element

coverage
  Reference

businessArrangement (optional)
  String A sequence of Unicode characters

  _businessArrangement (optional)
  Element
```

CoverageEligibilityRequest_Item -

The CoverageEligibilityRequest provides patient and insurance coverage information to an insurer for them to respond, in the form of an CoverageEligibilityResponse, with information regarding whether the stated coverage is valid and in-force and optionally to provide the insurance details of the policy.

```
id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

```

https://10.2.2.41/api-doc/
modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

supportingInfoSequence (optional)

array[BigDecimal] Exceptions, special conditions and supporting information applicable for this service or product line.

array[Element] Extensions for supportingInfoSequence
category (optional)

CodeableConcept

productOrService (optional)

CodeableConcept

modifier (optional)

array[CodeableConcept] Item typification or modifiers codes to convey additional context for the product or service.

provider (optional)

Reference

quantity (optional)

Quantity

unitPrice (optional)

Money

facility (optional)

Reference

diagnosis (optional)

array[CoverageEligibilityRequest_Diagnosis] Patient diagnosis for which care is sought.

detail (optional)

array[Reference] The plan/proposal/order describing the proposed service in detail.

CoverageEligibilityRequest_SupportingInfo -

The CoverageEligibilityRequest provides patient and insurance coverage information to an insurer for them to respond, in the form of an CoverageEligibilityResponse, with information regarding whether the stated coverage is valid and in-force and optionally to provide the insurance details of the policy.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of
Requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**sequence (optional)**

*BigDecimal* An integer with a value that is positive (e.g. >0)

**_sequence (optional)**

*Element*

**information**

*Reference*

**appliesToAll (optional)**

*Boolean* Value of "true" or "false"

**_appliesToAll (optional)**

*Element*

---

**CoverageEligibilityResponse** -

This resource provides eligibility and plan details from the processing of a CoverageEligibilityRequest resource.

**resourceType**

*oas_any_type_not_mapped* This is a CoverageEligibilityResponse resource

**id (optional)**

*String* Any combination of letters, numerals, "," and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

*Meta*

**implicitRules (optional)**

*String* string of characters used to identify a name or a resource

**_implicitRules (optional)**

*Element*

**language (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_language (optional)**

*Element*

**text (optional)**

*Narrative*

**contained (optional)**

*array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

array[Identifier] A unique identifier assigned to this coverage eligibility request.

**status (optional)**

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_status (optional)**

Element

**purpose (optional)**

array[String] Code to specify whether requesting: prior authorization requirements for some service categories or billing codes; benefits for coverages specified or discovered; discovery and return of coverages for the patient; and/or validation that the specified coverage is in-force at the date/period specified or 'now' if not specified.

Enum:

**_purpose (optional)**

array[Element] Extensions for purpose

**patient**

Reference

**servicedDate (optional)**

String The date or dates when the enclosed suite of services were performed or completed.

**_servicedDate (optional)**

Element

**servicedPeriod (optional)**

Period

**created (optional)**

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**_created (optional)**

Element

**requestor (optional)**

Reference

**request**

Reference

**outcome (optional)**

String The outcome of the request processing.

Enum:

queued

complete

error

partial

**_outcome (optional)**

Element

**disposition (optional)**

String A sequence of Unicode characters

**_disposition (optional)**

Element

**insurer**

Reference

**insurance (optional)**

array[CoffeeEligibilityResponse_Insurance] Financial instruments for reimbursement for the health care products and services.

**preAuthRef (optional)**

String A sequence of Unicode characters
CoverageEligibilityResponse_Benefit -
This resource provides eligibility and plan details from the processing of a CoverageEligibilityRequest resource.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type
CodeableConcept

allowedUnsignedInt (optional)
BigDecimal The quantity of the benefit which is permitted under the coverage.

_usedUnsignedInt (optional)
Element

allowedString (optional)
String The quantity of the benefit which is permitted under the coverage.

_usedString (optional)
Element

allowedMoney (optional)
Money

usedUnsignedInt (optional)
BigDecimal The quantity of the benefit which have been consumed to date.

_usedUnsignedInt (optional)
Element

usedString (optional)
String The quantity of the benefit which have been consumed to date.

_usedString (optional)
Element

usedMoney (optional)
Money

CoverageEligibilityResponse_Error -
This resource provides eligibility and plan details from the processing of an CoverageEligibilityRequest resource.
id (optional)
String A sequence of Unicode characters

extension (optional)
        array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
        array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

code
        CodeableConcept

CoverageEligibilityResponse_Insurance -
This resource provides eligibility and plan details from the processing of an CoverageEligibilityRequest resource.

id (optional)
String A sequence of Unicode characters

extension (optional)
        array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
        array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

coverage
        Reference

inforce (optional)
        Boolean value of "true" or "false"

_inforce (optional)
        Element

benefitPeriod (optional)
        Period

item (optional)
        array[CoverageEligibilityResponse_Item] Benefits and optionally current balances, and authorization
details by category or service.
This resource provides eligibility and plan details from the processing of an CoverageEligibilityRequest resource.

- **id** (optional)
  - *String* A sequence of Unicode characters

- **extension** (optional)
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension** (optional)
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **category** (optional)
  - *CodeableConcept*

- **productOrService** (optional)
  - *CodeableConcept*

- **modifier** (optional)
  - *array[CodeableConcept]* Item typification or modifiers codes to convey additional context for the product or service.

- **provider** (optional)
  - *Reference*

- **excluded** (optional)
  - *Boolean* Value of "true" or "false"

- **_excluded** (optional)
  - *Element*

- **name** (optional)
  - *String* A sequence of Unicode characters

- **_name** (optional)
  - *Element*

- **description** (optional)
  - *String* A sequence of Unicode characters

- **_description** (optional)
  - *Element*

- **network** (optional)
  - *CodeableConcept*

- **unit** (optional)
  - *CodeableConcept*

- **term** (optional)
  - *CodeableConcept*

- **benefit** (optional)
  - *array[CoverageEligibilityResponse_Benefit]* Benefits used to date.

- **authorizationRequired** (optional)
  - *Boolean* Value of "true" or "false"

- **_authorizationRequired** (optional)
  - *Element*
authorizationSupporting (optional)
array[CodeableConcept] Codes or comments regarding information or actions associated with the preauthorization.

authorizationUrl (optional)
String String of characters used to identify a name or a resource

Coverage_Class -
Financial instrument which may be used to reimburse or pay for health care products and services. Includes both insurance and self-payment.
	note (optional)
String A sequence of Unicode characters

type
CodeableConcept

value (optional)
String A sequence of Unicode characters

Coverage_CostToBeneficiary -
Financial instrument which may be used to reimburse or pay for health care products and services. Includes both insurance and self-payment.
	note (optional)
String A sequence of Unicode characters

type
CodeableConcept

value (optional)
String A sequence of Unicode characters
may be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
  CodeableConcept

valueQuantity (optional)
  Quantity

valueMoney (optional)
  Money

exception (optional)
  array[Coverage_Exception]

A suite of codes indicating exceptions or reductions to patient costs and their effective periods.

Coverage_Exception -

Financial instrument which may be used to reimburse or pay for health care products and services. Includes both insurance and self-payment.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension]

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type
  CodeableConcept

period (optional)
  Period

DataRequirement -

Describes a required data item for evaluation in terms of the type of data, and optional code or date-based filters of the data.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension]

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
DataRequirement

Describes a required data item for evaluation in terms of the type of data, and optional code or date-based filters of the data.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**DataRequirement_DateFilter**

Describes a required data item for evaluation in terms of the type of data, and optional code or date-based filters of the data.

- **id (optional)**
  
  A sequence of Unicode characters

- **extension (optional)**
  
  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  
  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

- **path (optional)**
  
  A sequence of Unicode characters

- **_path (optional)**
  
  An Element

- **searchParam (optional)**
  
  A sequence of Unicode characters

- **_searchParam (optional)**
  
  An Element

- **valueSet (optional)**
  
  A URI that is a reference to a canonical URL on a FHIR resource

- **code (optional)**
  
  An array of Coding
  
  The codes for the code filter. If values are given, the filter will return only those data items for which the code-valued attribute specified by the path has a value that is one of the specified codes. If codes are specified in addition to a value set, the filter returns items matching a code in the value set or one of the specified codes.

The value of the filter. If period is specified, the filter will return only those data items that fall within the bounds determined by the Period, inclusive of the period boundaries. If dateTime is specified, the filter will return only those data items that are equal to the specified dateTime. If a Duration is specified, the filter will return only those data items that fall within Duration before now.
_valueDateTime (optional)

Element

valuePeriod (optional)

Period

valueDuration (optional)

Duration

DataRequirement_Sort -

Describes a required data item for evaluation in terms of the type of data, and optional code or date-based filters of the data.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

path (optional)

String A sequence of Unicode characters

__path (optional)

Element

direction (optional)

string The direction of the sort, ascending or descending.

Enum:

  ascending

  descending

__direction (optional)

Element

DetectedIssue -

Indicates an actual or potential clinical issue with or between one or more active or proposed clinical actions for a patient; e.g. Drug-drug interaction, Ineffective treatment frequency, Procedure-condition conflict, etc.

resourceType

oas_any_type_not_mapped This is a DetectedIssue resource

id (optional)

String Any combination of letters, numerals, "-" and "." with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource
_implicitRules (optional)
    Element

_language (optional)
    string A string which has at least one character and no leading or trailing whitespace and where there
    is no whitespace other than single spaces in the contents

_language (optional)
    Element
text (optional)
    Narrative

contained (optional)
    array[resourceList] These resources do not have an independent existence apart from the resource
    that contains them - they cannot be identified independently, and nor can they have their own
    independent transaction scope.

extension (optional)
    array[Extension] May be used to represent additional information that is not part of the basic
    definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
    governance applied to the definition and use of extensions. Though any implementer can define an
    extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
    array[Extension]

    May be used to represent additional information that is not part of the basic definition of the resource
    and that modifies the understanding of the element that contains it and/or the understanding of the
    containing element's descendants. Usually modifier elements provide negation or qualification. To
    make the use of extensions safe and manageable, there is a strict set of governance applied to the
    definition and use of extensions. Though any implementer is allowed to define an extension, there is a
    set of requirements that SHALL be met as part of the definition of the extension. Applications
    processing a resource are required to check for modifier extensions.

    Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
    (including cannot change the meaning of modifierExtension itself).

identifier (optional)
    array[Identifier]

status (optional)
    string A string which has at least one character and no leading or trailing whitespace and where there
    is no whitespace other than single spaces in the contents

_status (optional)
    Element
code (optional)
    CodeableConcept

severity (optional)
    string Indicates the degree of importance associated with the identified issue based on the potential
    impact on the patient.

    Enum:
    high
    moderate
    low

_severity (optional)
    Element

patient (optional)
    Reference

identifiedDateTime (optional)
    string The date or period when the detected issue was initially identified.

_identifiedDateTime (optional)
    Element

identifiedPeriod (optional)
    Period
author (optional)
   Reference

implicated (optional)
array[Reference] indicates the resource representing the current activity or proposed activity that is potentially problematic.

evidence (optional)
array[DetectedIssue_Evidence] Supporting evidence or manifestations that provide the basis for identifying the detected issue such as a GuidanceResponse or MeasureReport.

detail (optional)
String A sequence of Unicode characters
   _detail (optional)
   Element

reference (optional)
String string of characters used to identify a name or a resource
   _reference (optional)
   Element

mitigation (optional)
array[DetectedIssue_Mitigation] Indicates an action that has been taken or is committed to reduce or eliminate the likelihood of the risk identified by the detected issue from manifesting. Can also reflect an observation of known mitigating factors that may reduce/eliminate the need for any action.

DetectedIssue_Evidence -
Indicates an actual or potential clinical issue with or between one or more active or proposed clinical actions for a patient; e.g. Drug-drug interaction, Ineffective treatment frequency, Procedure-condition conflict, etc.
   id (optional)
   String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   modifierExtension (optional)
   array[Extension]
   May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

   code (optional)
   array[CodeableConcept] A manifestation that led to the recording of this detected issue.

   detail (optional)
   array[Reference] Links to resources that constitute evidence for the detected issue such as a GuidanceResponse or MeasureReport.

DetectedIssue_Mitigation -
Indicates an actual or potential clinical issue with or between one or more active or proposed clinical actions for a patient; e.g. Drug-drug interaction, Ineffective treatment frequency, Procedure-condition conflict, etc.
   id (optional)
   String A sequence of Unicode characters
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

action
CodeableConcept
date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)
Element
author (optional)
Reference

Device -
A type of a manufactured item that is used in the provision of healthcare without being substantially changed through that
activity. The device may be a medical or non-medical device.

resourceType
oas_any_type_not_mapped This is a Device resource
id (optional)
String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This
might be an integer, an unprefix OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

meta (optional)
Meta
implicitRules (optional)
String String of characters used to identify a name or a resource

 ImplicitRules (optional)
Element
language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

 Language (optional)
Element

text (optional)
Narrative

 contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource
that contains them - they cannot be identified independently, and nor can they have their own
independent transaction scope.
extension (optional)

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

Unique instance identifiers assigned to a device by manufacturers other organizations or owners.

definition (optional)

Reference

udiCarrier (optional)

Unique device identifier (UDI) assigned to device label or package. Note that the Device may include multiple udiCarriers as it either may include just the udiCarrier for the jurisdiction it is sold, or for multiple jurisdictions it could have been sold.

status (optional)

String Status of the Device availability.

Enum:

- active
- inactive
- entered-in-error
- unknown

_status (optional)

Element

statusReason (optional)

array[CodeableConcept] Reason for the status of the Device availability.

distinctIdentifier (optional)

String A sequence of Unicode characters

distinctIdentifier (optional)

Element

manufacturer (optional)

String A sequence of Unicode characters

_manufacturer (optional)

Element

manufactureDate (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_manufactureDate (optional)

Element

expirationDate (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
expirationDate (optional)
Element

lotNumber (optional)
String A sequence of Unicode characters
Element

serialNumber (optional)
String A sequence of Unicode characters
Element

deviceName (optional)
array[Device_DeviceName] This represents the manufacturer's name of the device as provided by the device, from a UDI label, or by a person describing the Device. This typically would be used when a person provides the name(s) or when the device represents one of the names available from DeviceDefinition.

modelNumber (optional)
String A sequence of Unicode characters
Element

partNumber (optional)
String A sequence of Unicode characters
Element

type (optional)
CodeableConcept

specialization (optional)
array[Device_Specialization] The capabilities supported on a device, the standards to which the device conforms for a particular purpose, and used for the communication.

version (optional)
array[Device_Version] The actual design of the device or software version running on the device.

property (optional)
array[Device_Property] The actual configuration settings of a device as it actually operates, e.g., regulation status, time properties.

patient (optional)
Reference

owner (optional)
Reference

contact (optional)
array[ContactPoint] Contact details for an organization or a particular human that is responsible for the device.

location (optional)
Reference

url (optional)
String String of characters used to identify a name or a resource
Element

note (optional)
array[Annotation] Descriptive information, usage information or implantation information that is not captured in an existing element.

safety (optional)
array[CodeableConcept] Provides additional safety characteristics about a medical device. For example devices containing latex.

parent (optional)
Reference
DeviceDefinition -

The characteristics, operational status and capabilities of a medical-related component of a medical device.

- **resourceType**
  - `oas_any_type_not_mapped` This is a DeviceDefinition resource

- **id (optional)**
  - `String` Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed UUID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta (optional)**
  - `Meta`

- **implicitRules (optional)**
  - `String` String of characters used to identify a name or a resource

- **language (optional)**
  - `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **text (optional)**
  - `Narrative`

- **contained (optional)**
  - `array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

- **identifier (optional)**
  - `array[Identifier]` Unique instance identifiers assigned to a device by the software, manufacturers, other organizations or owners. For example: handle ID.

- **udiDeviceIdentifier (optional)**
  - `array[DeviceDefinition_UdiDeviceIdentifier]` Unique device identifier (UDI) assigned to device label or package. Note that the Device may include multiple udiCarriers as it either may include just the udiCarrier for the jurisdiction it is sold, or for multiple jurisdictions it could have been sold.

- **manufacturerString (optional)**
  - `String` A name of the manufacturer.

- ** manufactureReference (optional)**
  - `Reference`

- ** deviceName (optional)**
array[DeviceDefinition_DeviceName] A name given to the device to identify it.

modelNumber (optional)
String A sequence of Unicode characters

_type (optional)
Element

specialization (optional)
array[DeviceDefinition_Specialization] The capabilities supported on a device, the standards to which the device conforms for a particular purpose, and used for the communication.

version (optional)
array[String] The available versions of the device, e.g., software versions.

_url (optional)
Element

physicalCharacteristics (optional)
ProdCharacteristic

languageCode (optional)
array[CodeableConcept] Language code for the human-readable text strings produced by the device (all supported).

capability (optional)
array[DeviceDefinition_Capability] Device capabilities.

property (optional)
array[DeviceDefinition_Property] The actual configuration settings of a device as it actually operates, e.g., regulation status, time properties.

owner (optional)
Reference

call (optional)
array[ContactPoint] Contact details for an organization or a particular human that is responsible for the device.

url (optional)
String string of characters used to identify a name or a resource

_material (optional)
A substance used to create the material(s) of which the device is made.

DeviceDefinition_Capability - The characteristics, operational status and capabilities of a medical-related component of a medical device.
id (optional)  
`String` A sequence of Unicode characters

extension (optional)  
`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
`array[Extension]`  
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type  
`CodeableConcept`  

description (optional)  
`array[CodeableConcept]` Description of capability.

DeviceDefinition_DeviceName -  
The characteristics, operational status and capabilities of a medical-related component of a medical device.

id (optional)  
`String` A sequence of Unicode characters

extension (optional)  
`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
`array[Extension]`  
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)  
`String` A sequence of Unicode characters

_name (optional)  
`Element`

type (optional)  
`String` The type of deviceName. UDILabelName | UserFriendlyName | PatientReportedName | ManufactureDeviceName | ModelName.

Enum:  
- `udi-label-name`
- `user-friendly-name`
- `patient-reported-name`
- `manufacturer-name`
model-name

_other

_type (optional)
*Element*

DeviceDefinition_Material -

The characteristics, operational status and capabilities of a medical-related component of a medical device.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - *array[Extension]*

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **substance**
  - *CodeableConcept*

- **alternate (optional)**
  - *Boolean* Value of “true” or “false”

- **allergenicIndicator (optional)**
  - *Boolean* Value of “true” or “false”

DeviceDefinition_Property -

The characteristics, operational status and capabilities of a medical-related component of a medical device.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - *array[Extension]*

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
DeviceDefinition_Specialization -

The characteristics, operational status and capabilities of a medical-related component of a medical device.

| id (optional) |
| String | A sequence of Unicode characters |

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

systemType (optional)
String A sequence of Unicode characters

_deviceType (optional)
Element

version (optional)
String A sequence of Unicode characters

DeviceDefinition_UdiDeviceIdentifier -

The characteristics, operational status and capabilities of a medical-related component of a medical device.

| id (optional) |
| String | A sequence of Unicode characters |

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

deviceIdentifier (optional)

String  A sequence of Unicode characters

DeviceMetric -

Describes a measurement, calculation or setting capability of a medical device.

resourceType

oas_any_type_not_mapped  This is a DeviceMetric resource

id (optional)

String  Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefix OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String  String of characters used to identify a name or a resource

language (optional)

String  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

text (optional)

Narrative

contained (optional)

array[ResourceList]  These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension]  May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]  May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

```
identifier (optional)
    array[Identifier]
    Unique instance identifiers assigned to a device by the device or gateway software, manufacturers, other organizations or owners. For example: handle ID.

type
    CodeableConcept

unit (optional)
    CodeableConcept

source (optional)
    Reference

parent (optional)
    Reference

operationalStatus (optional)
    String
    Indicates current operational state of the device. For example: On, Off, Standby, etc.
    Enum:
    on
    off
    standby
    entered-in-error

_operationalStatus (optional)
    Element

color (optional)
    String
    Describes the color representation for the metric. This is often used to aid clinicians to track and identify parameter types by color. In practice, consider a Patient Monitor that has ECG/HR and Pleth for example: the parameters are displayed in different characteristic colors, such as HR-blue, BP-green, and PR and SpO2- magenta.
    Enum:
    black
    red
    green
    yellow
    blue
    magenta
    cyan
    white

_color (optional)
    Element

category (optional)
    String
    Indicates the category of the observation generation process. A DeviceMetric can be for example a setting, measurement, or calculation.
    Enum:
    measurement
    setting
    calculation
    unspecified

_category (optional)
    Element

measurementPeriod (optional)
    Timing

calibration (optional)
    array[DeviceMetric_Calibration]
    Describes the calibrations that have been performed or that are required to be performed.
```

DeviceMetric_Calibration -

Describes a measurement, calculation or setting capability of a medical device.
id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

type (optional)
String Describes the type of the calibration method.
Enum:
  unspecified
  offset
  gain
  two-point

_state (optional)
Element

state (optional)
String Describes the state of the calibration.
Enum:
  not-calibrated
  calibration-required
  calibrated
  unspecified

_time (optional)
Element

DeviceRequest -
Represents a request for a patient to employ a medical device. The device may be an implantable device, or an external
assistive device, such as a walker.

resourceType
oas_any_type_not_mapped This is a DeviceRequest resource
id (optional)
String Any combination of letters, numerals, ",-" and ",.", with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
string of characters used to identify a name or a resource

_up

https://10.2.2.41/api-doc/
language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] Identifiers assigned to this order by the orderer or by the receiver.

instantiatesCanonical (optional)

array[String] The URL pointing to a FHIR-defined protocol, guideline, orderset or other definition that is adhered to in whole or in part by this DeviceRequest.

instantiatesUri (optional)

array[String] The URL pointing to an externally maintained protocol, guideline, orderset or other definition that is adhered to in whole or in part by this DeviceRequest.

basedOn (optional)

array[Reference] Plan/proposal/order fulfilled by this request.

priorRequest (optional)

array[Reference] The request takes the place of the referenced completed or terminated request(s).

status (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

intent (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

priority (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

_priority (optional)
Element
codeReference (optional)
Reference
codeCodeableConcept (optional)
CodeableConcept

parameter (optional)
array[DeviceRequest_Parameter] Specific parameters for the ordered item. For example, the prism
value for lenses.

subject
Reference

encounter (optional)
Reference

occurrenceDateTime (optional)
String The timing schedule for the use of the device. The Schedule data type allows many different
expressions, for example. "Every 8 hours"; "Three times a day"; "1/2 an hour before breakfast for 10
days from 23-Dec 2011:"; "15 Oct 2013, 17 Oct 2013 and 1 Nov 2013".

_occurrenceDateTime (optional)
Element

occurrencePeriod (optional)
Period

occurrenceTiming (optional)
Timing

authoredOn (optional)
String A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

_authoredOn (optional)
Element

requester (optional)
Reference

performerType (optional)
CodeableConcept

performer (optional)
Reference

reasonCode (optional)
array[CodeableConcept] Reason or justification for the use of this device.

reasonReference (optional)
array[Reference] Reason or justification for the use of this device.

insurance (optional)
array[Reference] Insurance plans, coverage extensions, pre-authorizations and/or pre-determinations
that may be required for delivering the requested service.

supportingInfo (optional)
array[Reference] Additional clinical information about the patient that may influence the request
fulfilment. For example, this may include where on the subject’s body the device will be used (i.e. the
target site).

note (optional)
array[Annotation] Details about this request that were not represented at all or sufficiently in one of
the attributes provided in a class. These may include for example a comment, an instruction, or a note
associated with the statement.

relevantHistory (optional)
array[Reference] Key events in the history of the request.
DeviceRequest_Parameter -  
Represents a request for a patient to employ a medical device. The device may be an implantable device, or an external assistive device, such as a walker.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. 
  
  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **code (optional)**
  - *CodeableConcept*

- **valueCodeableConcept (optional)**
  - *CodeableConcept*

- **valueQuantity (optional)**
  - *Quantity*

- **valueRange (optional)**
  - *Range*

- **valueBoolean (optional)**
  - *Boolean* The value of the device detail.

DeviceUseStatement -  
A record of a device being used by a patient where the record is the result of a report from the patient or another clinician.

- **resourceType**
  - *oas_any_type_not_mapped* This is a DeviceUseStatement resource

- **id (optional)**
  - *String* Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta (optional)**
  - *Meta*

- **implicitRules (optional)**
  - *String* String of characters used to identify a name or a resource

- **language (optional)**
  - *String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
**Element**

- **text (optional)**
  - *Narrative*

- **contained (optional)**
  - *array [ResourceList]*
    - These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension (optional)**
  - *array [Extension]*
    - May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - *array [Extension]*
    - May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
    - Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **identifier (optional)**
  - *array [Identifier]*
    - An external identifier for this statement such as an IRI.

- **basedOn (optional)**
  - *array [Reference]*
    - A plan, proposal or order that is fulfilled in whole or in part by this DeviceUseStatement.

- **status (optional)**
  - *String*
    - A code representing the patient or other source's judgment about the state of the device used that this statement is about. Generally this will be active or completed.
    - *Enum:*
      - active
      - completed
      - entered-in-error
      - intended
      - stopped
      - on-hold

- **subject**
  - *Reference*

- **derivedFrom (optional)**
  - *array [Reference]*
    - Allows linking the DeviceUseStatement to the underlying Request, or to other information that supports or is used to derive the DeviceUseStatement.

- **timing**
  - *Timing (optional)*
    - *Timing*

- **timingPeriod (optional)**
  - *Period*

- **timingDateTime (optional)**
  - *String*
    - How often the device was used.

- **_timingDateTime (optional)**
  - *Element*

- **recordedOn (optional)**
  - *String*
    - A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
Device _DeviceName -

A type of a manufactured item that is used in the provision of healthcare without being substantially changed through that activity. The device may be a medical or non-medical device.

_id (optional)
  String A sequence of Unicode characters

_extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

_modifierExtension (optional)
  array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.

  To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

_name (optional)
  String A sequence of Unicode characters

__name (optional)
  Element

type (optional)
  String The type of deviceName. UDILabelName | UserFriendlyName | PatientReportedName | ManufactureDeviceName | ModelName.

  Enum:
  - udi-label-name
  - user-friendly-name
  - patient-reported-name
  - manufacturer-name
  - model-name
  - other

__type (optional)
Device_Property -

A type of a manufactured item that is used in the provision of healthcare without being substantially changed through that activity. The device may be a medical or non-medical device.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**type**

*CodeableConcept*

**valueQuantity (optional)**

*array[Quantity]* Property value as a quantity.

**valueCode (optional)**

*array[CodeableConcept]* Property value as a code, e.g., NTP4 (synced to NTP).

Device_Specialization -

A type of a manufactured item that is used in the provision of healthcare without being substantially changed through that activity. The device may be a medical or non-medical device.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**systemType**

*CodeableConcept*
version (optional)
  String A sequence of Unicode characters

_deviceIdentifier (optional)
  Element

Device_UdiCarrier -

A type of a manufactured item that is used in the provision of healthcare without being substantially changed through that activity. The device may be a medical or non-medical device.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension]
  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]
  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

deviceIdentifier (optional)
  String A sequence of Unicode characters

issuer (optional)
  String String of characters used to identify a name or a resource

jurisdiction (optional)
  String String of characters used to identify a name or a resource

carrierAIDC (optional)
  String A stream of bytes

carrierHRF (optional)
  String A sequence of Unicode characters

entryType (optional)
  String A coded entry to indicate how the data was entered.
  Enum:
    barcode
    rfid
    manual
    card
    self-reported
Device Version -

A type of a manufactured item that is used in the provision of healthcare without being substantially changed through that activity. The device may be a medical or non-medical device.

id (optional)

String A sequence of Unicode characters

element (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)

CodeableConcept

component (optional)

Identifier

value (optional)

String A sequence of Unicode characters

value (optional)

Element

DiagnosticReport -

The findings and interpretation of diagnostic tests performed on patients, groups of patients, devices, and locations, and/or specimens derived from these. The report includes clinical context such as requesting and provider information, and some mix of atomic results, images, textual and coded interpretations, and formatted representation of diagnostic reports.

resourceType

oas_any_type_not_mapped This is a DiagnosticReport resource

id (optional)

String Any combination of letters, numerals, "-" and "." with a length limit of 64 characters. (This might be an integer, an unprefixed UID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_language (optional)

_ Element

text (optional)

_Narrative

contained (optional)

_array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

_array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

_array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

_array[Identifier] Identifiers assigned to this report by the performer or other systems.

basedOn (optional)

_array[Reference] Details concerning a service requested.

status (optional)

String The status of the diagnostic report.

Enum:

  registered
  partial
  preliminary
  final
  amended
  corrected
  appended
  cancelled
  entered-in-error
  unknown

_status (optional)

_ Element

category (optional)

_array[CodeableConcept] A code that classifies the clinical discipline, department or diagnostic service that created the report (e.g. cardiology, biochemistry, hematology, MRI). This is used for searching, sorting and display purposes.

code

_CodeableConcept

subject (optional)

_Reference

code

encounter (optional)

_Reference

code

effectiveDateTime (optional)

String The time or time-period the observed values are related to. When the subject of the report is a patient, this is usually either the time of the procedure or of specimen collection(s), but very often the source of the date/time is not known, only the date/time itself.
effectiveDateTime (optional)

Element

effectivePeriod (optional)

Period

issued (optional)

String An instant in time - known at least to the second

Element

performer (optional)

array[Reference] The diagnostic service that is responsible for issuing the report.

resultsInterpreter (optional)

array[Reference] The practitioner or organization that is responsible for the report's conclusions and interpretations.

specimen (optional)

array[Reference] Details about the specimens on which this diagnostic report is based.

result (optional)

array[Reference] Observations that are part of this diagnostic report.

imagingStudy (optional)

array[Reference] One or more links to full details of any imaging performed during the diagnostic investigation. Typically, this is imaging performed by DICOM enabled modalities, but this is not required. A fully enabled PACS viewer can use this information to provide views of the source images.

media (optional)

array[DiagnosticReport_Media] A list of key images associated with this report. The images are generally created during the diagnostic process, and may be directly of the patient, or of treated specimens (i.e. slides or interest).

conclusion (optional)

String A sequence of Unicode characters

Element

conclusionCode (optional)

array[CodeableConcept] One or more codes that represent the summary conclusion (interpretation/impression) of the diagnostic report.

presentedForm (optional)

array[Attachment] Rich text representation of the entire result as issued by the diagnostic service. Multiple formats are allowed but they SHALL be semantically equivalent.

DiagnosticReport_Media -

The findings and interpretation of diagnostic tests performed on patients, groups of patients, devices, and locations, and/or specimens derived from these. The report includes clinical context such as requesting and provider information, and some mix of atomic results, images, textual and coded interpretations, and formatted representation of diagnostic reports.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **comment (optional)**
  - **String** A sequence of Unicode characters

- **link (optional)**
  - **Reference**

---

**Distance**

A length - a value with a unit that is a physical distance.

- **id (optional)**
  - **String** A sequence of Unicode characters

- **extension (optional)**
  - **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **value (optional)**
  - **BigDecimal** A rational number with implicit precision

- **comparator (optional)**
  - **String** How the value should be understood and represented; whether the actual value is greater or less than the stated value due to measurement issues; e.g. if the comparator is ‘<’, then the real value is < stated value.
    - **Enum:**
      - `<`
      - `<=`
      - `>=`
      - `>`

- **unit (optional)**
  - **String** A sequence of Unicode characters

---

**DocumentManifest**

A collection of documents compiled for a purpose together with metadata that applies to the collection.

- **resourceType**
  - **oas_any_type_not_mapped** This is a DocumentManifest resource

- **id (optional)**
Any combination of letters, numerals, -, and ., with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

implicitRules (optional)

language (optional)

text (optional)

contained (optional) These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

modifierExtension (optional)

masterIdentifier (optional)

identifier (optional) Other identifiers associated with the document manifest, including version independent identifiers.

status (optional)

type (optional)

subject (optional)

created (optional) A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, gMonthDay and gDay.
_created (optional)

Element

author (optional)

array[Reference] Identifies who is the author of the manifest. Manifest author is not necessarily the author of the references included.

recipient (optional)

array[Reference] A patient, practitioner, or organization for which this set of documents is intended.

source (optional)

String String of characters used to identify a name or a resource

_source (optional)

Element
description (optional)

String A sequence of Unicode characters

description (optional)

Element

content

array[Reference] The list of Resources that consist of the parts of this manifest.

related (optional)

array[DocumentManifest_Related] Related identifiers or resources associated with the DocumentManifest.

DocumentManifest_Related -

A collection of documents compiled for a purpose together with metadata that applies to the collection.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

Identifier

cRef (optional)

Reference

DocumentReference -

A reference to a document of any kind for any purpose. Provides metadata about the document so that the document can be discovered and managed. The scope of a document is any serialized object with a mime-type, so includes formal patient centric documents (CDA), clinical notes, scanned paper, and non-patient specific documents like policy text.

resourceType
This is a DocumentReference resource

id (optional)
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

masterIdentifier (optional)
Identifier

identifier (optional)
array[Identifier] Other identifiers associated with the document, including version independent identifiers.

status (optional)
String The status of this document reference.
Enum:
current
superseded
entered-in-error

_status (optional)
Element

docStatus (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

docStatus (optional)
Element
type (optional)
   CodeableConcept

category (optional)
   array[CodeableConcept] A categorization for the type of document referenced - helps for indexing and searching. This may be implied by or derived from the code specified in the DocumentReference.type.

subject (optional)
   Reference
date (optional)
   String An instant in time - known at least to the second
date (optional)
   Element

author (optional)
   array[Reference] Identifies who is responsible for adding the information to the document.

authenticator (optional)
   Reference
custodian (optional)
   Reference
relatesTo (optional)
   array[DocumentReference_RelatesTo] Relationships that this document has with other document references that already exist.
description (optional)
   String A sequence of Unicode characters
description (optional)
   Element

securityLabel (optional)

content
   array[DocumentReference_Content] The document and format referenced. There may be multiple content element repetitions, each with a different format.

context (optional)
   DocumentReference_Context

DocumentReference_Content

A reference to a document of any kind for any purpose. Provides metadata about the document so that the document can be discovered and managed. The scope of a document is any serialized object with a mime-type, so includes formal patient centric documents (CDA), clinical notes, scanned paper, and non-patient specific documents like policy text.

id (optional)
   String A sequence of Unicode characters

extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

attachment
Attachment
format (optional)
Coding

DocumentReference_Context -
A reference to a document of any kind for any purpose. Provides metadata about the document so that the document can be discovered and managed. The scope of a document is any serialized object with a mime-type, so includes formal patient centric documents (CDA), clinical notes, scanned paper, and non-patient specific documents like policy text.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

event (optional)
array[CodeableConcept]
This list of codes represents the main clinical acts, such as a colonoscopy or an appendectomy, being documented. In some cases, the event is inherent in the type Code, such as a "History and Physical Report" in which the procedure being documented is necessarily a "History and Physical" act.

period (optional)
Period

facilityType (optional)
CodeableConcept

practiceSetting (optional)
CodeableConcept

sourcePatientInfo (optional)
Reference

related (optional)
array[Reference]
Related identifiers or resources associated with the DocumentReference.

DocumentReference_RelatesTo -
A reference to a document of any kind for any purpose. Provides metadata about the document so that the document can be discovered and managed. The scope of a document is any serialized object with a mime-type, so includes formal patient centric documents (CDA), clinical notes, scanned paper, and non-patient specific documents like policy text.

id (optional)
string A sequence of Unicode characters
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)

String The type of relationship that this document has with another document.

Enum:

- replaces
- transforms
- signs
- appends

__code (optional)

Element

target

Reference

Dosage -

Indicates how the medication is/was taken or should be taken by the patient.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

sequence (optional)

BigDecimal A whole number

__sequence (optional)

Element

text (optional)

String A sequence of Unicode characters
**_text (optional)_**

*Element*

**additionalInstruction (optional)**

*array[CodeableConcept]*

Supplemental instructions to the patient on how to take the medication (e.g. “with meals” or “take half to one hour before food”) or warnings for the patient about the medication (e.g. “may cause drowsiness” or “avoid exposure of skin to direct sunlight or sunlamps”).

**patientInstruction (optional)**

*String*

A sequence of Unicode characters

**_patientInstruction (optional)_**

*Element*

**timing (optional)**

*Timing*

**asNeededBoolean (optional)**

*Boolean*

Indicates whether the Medication is only taken when needed within a specific dosing schedule (Boolean option), or it indicates the precondition for taking the Medication (CodeableConcept).

**_asNeededBoolean (optional)_**

*Element*

**asNeededCodeableConcept (optional)**

*CodeableConcept*

**site (optional)**

*CodeableConcept*

**route (optional)**

*CodeableConcept*

**method (optional)**

*CodeableConcept*

**doseAndRate (optional)**

*array[Dosage_DoseAndRate]*

The amount of medication administered.

**maxDosePerPeriod (optional)**

*Ratio*

**maxDosePerAdministration (optional)**

*Quantity*

**maxDosePerLifetime (optional)**

*Quantity*

---

**Dosage_DoseAndRate**

Indicates how the medication is/was taken or should be taken by the patient.

**id (optional)**

*String*

A sequence of Unicode characters

**extension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
type (optional)  
   CodeableConcept

doseRange (optional)  
   Range

doseQuantity (optional)  
   Quantity

rateRatio (optional)  
   Ratio

rateRange (optional)  
   Range

rateQuantity (optional)  
   Quantity

Duration -  
A length of time.

   id (optional)  
      String A sequence of Unicode characters

   extension (optional)  
      array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   value (optional)  
      BigDecimal A rational number with implicit precision

   _value (optional)  
      Element

   comparator (optional)  
      String How the value should be understood and represented; whether the actual value is greater or
less than the stated value due to measurement issues; e.g. if the comparator is <, then the real
value is < stated value.

      Enum:
      <
      <=
      >=

   _comparator (optional)  
      Element

   unit (optional)  
      String A sequence of Unicode characters

   _unit (optional)  
      Element

   system (optional)  
      String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

   _system (optional)  
      Element

effectEvidenceSynthesis -  
The effectEvidenceSynthesis resource describes the difference in an outcome between exposures states in a population
where the effect estimate is derived from a combination of research studies.
This is a EffectEvidenceSynthesis resource

- id (optional)
  - String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- meta (optional)
  - Meta

- implicitRules (optional)
  - String String of characters used to identify a name or a resource

- language (optional)
  - String A string which has at least one character and no leading or trailing whitespace and where there is no white space other than single spaces in the contents

- text (optional)
  - Narrative

- contained (optional)
  - array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- modifierExtension (optional)
  - array[Extension]

  May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- url (optional)
  - String String of characters used to identify a name or a resource

- identifier (optional)
  - array[Identifier] A formal identifier that is used to identify this effect evidence synthesis when it is represented in other formats, or referenced in a specification, model, design or an instance.

- version (optional)
  - String A sequence of Unicode characters

- name (optional)
  - String A sequence of Unicode characters

- title (optional)
String: A sequence of Unicode characters

_title (optional)
Element

status (optional)
String: The status of this effect evidence synthesis. Enables tracking the life-cycle of the content.

Enum:
- draft
- active
- retired
- unknown

_status (optional)
Element

date (optional)
String: A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

date (optional)
Element

publisher (optional)
String: A sequence of Unicode characters

_publisher (optional)
Element

contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)
String: A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

description (optional)
Element

note (optional)
array[Annotation] A human-readable string to clarify or explain concepts about the resource.

useContext (optional)
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate effect evidence synthesis instances.

jurisdiction (optional)
array[CodeableConcept] A legal or geographic region in which the effect evidence synthesis is intended to be used.

copyright (optional)
String: A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

copyright (optional)
Element

approvalDate (optional)
String: A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_approvalDate (optional)
Element

lastReviewDate (optional)
String: A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_lastReviewDate (optional)
Element

effectivePeriod (optional)
Period
**topic (optional)**

```
array[CodeableConcept]
```

Descriptive topics related to the content of the EffectEvidenceSynthesis. Topics provide a high-level categorization grouping types of EffectEvidenceSyntheses that can be useful for filtering and searching.

**author (optional)**

```
array[ContactDetail]
```

An individual or organization primarily involved in the creation and maintenance of the content.

**editor (optional)**

```
array[ContactDetail]
```

An individual or organization primarily responsible for internal coherence of the content.

**reviewer (optional)**

```
array[ContactDetail]
```

An individual or organization primarily responsible for review of some aspect of the content.

**endorser (optional)**

```
array[ContactDetail]
```

An individual or organization responsible for officially endorsing the content for use in some setting.

**relatedArtifact (optional)**

```
array[RelatedArtifact]
```

Related artifacts such as additional documentation, justification, or bibliographic references.

**synthesisType (optional)**

```
CodeableConcept
```

**studyType (optional)**

```
CodeableConcept
```

**population**

```
Reference
```

eposure

```
Reference
```

exposureAlternative

```
Reference
```

**outcome**

```
Reference
```

**sampleSize (optional)**

```
EffectEvidenceSynthesis_SampleSize
```

**resultsByExposure (optional)**

```
array[EffectEvidenceSynthesis_ResultsByExposure]
```

A description of the results for each exposure considered in the effect estimate.

**effectEstimate (optional)**

```
array[EffectEvidenceSynthesis_EffectEstimate]
```

The estimated effect of the exposure variant.

**certainty (optional)**

```
array[EffectEvidenceSynthesis_Certainty]
```

A description of the certainty of the effect estimate.

---

**EffectEvidenceSynthesis_Certainty** -

The EffectEvidenceSynthesis resource describes the difference in an outcome between exposures states in a population where the effect estimate is derived from a combination of research studies.

**id (optional)**

```
String
```

A sequence of Unicode characters

**extension (optional)**

```
array[Extension]
```

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
**EffectEvidenceSynthesis_CertaintySubcomponent**

The `EffectEvidenceSynthesis` resource describes the difference in an outcome between exposures states in a population where the effect estimate is derived from a combination of research studies.

- **id (optional)**
  
  `String` A sequence of Unicode characters

- **extension (optional)**
  
  `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  
  `array[Extension]`

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

  To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **type (optional)**
  
  `CodeableConcept`

- **rating (optional)**
  
  `array[CodeableConcept]` A rating of a subcomponent of rating certainty.

- **note (optional)**
  
  `array[Annotation]` A human-readable string to clarify or explain concepts about the resource.
modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

description (optional)

String A sequence of Unicode characters

_value (optional)

Element

type (optional)

CodeableConcept

variantState (optional)

CodeableConcept

value (optional)

BigDecimal A rational number with implicit precision

_unitOfMeasure (optional)

CodeableConcept

precisionEstimate (optional)


EffectEvidenceSynthesis_PrecisionEstimate

The EffectEvidenceSynthesis resource describes the difference in an outcome between exposures states in a population where the effect estimate is derived from a combination of research studies.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)

CodeableConcept

level (optional)
BigDecimal A rational number with implicit precision

_effect (optional)
_Element

description (optional)
_String A sequence of Unicode characters

description (optional)
_Element

exposureState (optional)
_String Whether these results are for the exposure state or alternative exposure state.

Enum:

exposure
exposure-alternative

exposureState (optional)
_Element

variantState (optional)
_CodeableConcept

EffectEvidenceSynthesis_SampleSize -

The EffectEvidenceSynthesis resource describes the difference in an outcome between exposures states in a population where the effect estimate is derived from a combination of research studies.

id (optional)
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

description (optional)

String A sequence of Unicode characters

Element

numberOfStudies (optional)

BigDecimal A whole number

numberOfStudies (optional)

Element

numberOfParticipants (optional)

BigDecimal A whole number

numberOfParticipants (optional)

Element

Element -

Base definition for all elements in a resource.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

ElementDefinition -

Captures constraints on each element within the resource, profile, or extension.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**path (optional)**

`String` A sequence of Unicode characters

**_path (optional)**

`Element`

**representation (optional)**

`array[String]` Codes that define how this element is represented in instances, when the deviation varies from the normal case.

Enum:

**_representation (optional)**

`array[Element]` Extensions for representation

**sliceName (optional)**

`String` A sequence of Unicode characters

**_sliceName (optional)**

`Element`

**slicelsConstraining (optional)**

`Boolean` Value of "true" or "false"

**_slicelsConstraining (optional)**

`Element`

**label (optional)**

`String` A sequence of Unicode characters

**_label (optional)**

`Element`

**code (optional)**

`array[Coding]` A code that has the same meaning as the element in a particular terminology.

**slicing (optional)**

`ElementDefinition_Slicing`

**short (optional)**

`String` A sequence of Unicode characters

**_short (optional)**

`Element`

**definition (optional)**

`String` A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

**_definition (optional)**

`Element`

**comment (optional)**

`String` A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

**_comment (optional)**

`Element`

**requirements (optional)**

`String` A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

**_requirements (optional)**

`Element`

**alias (optional)**

`array[String]` Identifies additional names by which this element might also be known.

**_alias (optional)**
Extensions for alias

**array**[Element]**(optional)**

**min** (optional)

**BigDecimal** An integer with a value that is not negative (e.g. >= 0)

**_min** (optional)

**Element**

**max** (optional)

**String** A sequence of Unicode characters

**_max** (optional)

**Element**

**base** (optional)

**ElementDefinition_Base**

**contentReference** (optional)

**String** String of characters used to identify a name or a resource

**_contentReference** (optional)

**Element**

**type** (optional)

**array**[ElementDefinition_Type]**(optional)** The data type or resource that the value of this element is permitted to be.

**defaultValueBase64Binary** (optional)

**String** The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

**_defaultValueBase64Binary** (optional)

**Element**

**defaultValueBoolean** (optional)

**Boolean** The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

**_defaultValueBoolean** (optional)

**Element**

**defaultValueCanonical** (optional)

**String** The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

**_defaultValueCanonical** (optional)

**Element**

**defaultValueCode** (optional)

**String** The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

**_defaultValueCode** (optional)

**Element**

**defaultValueDate** (optional)

**String** The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

**_defaultValueDate** (optional)

**Element**

**defaultValueDateTime** (optional)

**String** The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

**_defaultValueDateTime** (optional)

**Element**

**defaultValueDecimal** (optional)

**BigDecimal** The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

**_defaultValueDecimal** (optional)

**Element**

**defaultValueId** (optional)
String The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValueId (optional)
Element
defaultValueInstant (optional)
String The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValueInstant (optional)
Element
defaultValueInteger (optional)
BigDecimal The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValueInteger (optional)
Element
defaultValueMarkdown (optional)
String The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValueMarkdown (optional)
Element
defaultValueOid (optional)
String The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValueOid (optional)
Element
defaultValuePositveInt (optional)
BigDecimal The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValuePositveInt (optional)
Element
defaultValueString (optional)
String The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValueString (optional)
Element
defaultValueTime (optional)
String The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValueTime (optional)
Element
defaultValueUnsignedInt (optional)
BigDecimal The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValueUnsignedInt (optional)
Element
defaultValueUri (optional)
String The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValueUri (optional)
Element
defaultValueUrl (optional)
String The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

_defaultValueUrl (optional)
Element
defaultValueUuid (optional)
String

The value that should be used if there is no value stated in the instance (e.g. 'if not otherwise specified, the abstract is false').

defaultValueUuid (optional) Element
defaultValueAddress (optional) Address
defaultValueAge (optional) Age
defaultValueAnnotation (optional) Annotation
defaultValueAttachment (optional) Attachment
defaultValueCodeableConcept (optional) CodeableConcept
defaultValueCoding (optional) Coding
defaultValueContactPoint (optional) ContactPoint
defaultValueCount (optional) Count
defaultValueDistance (optional) Distance
defaultValueDuration (optional) Duration
defaultValueHumanName (optional) HumanName
defaultValueIdentifier (optional) Identifier
defaultValueMoney (optional) Money
defaultValuePeriod (optional) Period
defaultValueQuantity (optional) Quantity
defaultValueRange (optional) Range
defaultValueRatio (optional) Ratio
defaultValueReference (optional) Reference
defaultValueSampledData (optional) SampledData
defaultValueSignature (optional) Signature
defaultValueTiming (optional) Timing
defaultValueContactDetail (optional) ContactDetail
defaultValueContributor (optional) Contributor
defaultValueDataRequirement (optional) DataRequirement
defaultValueExpression (optional)
**expression**

defaultValueParameterDefinition (optional)

**ParameterDefinition**

defaultValueRelatedArtifact (optional)

**RelatedArtifact**

defaultValueTriggerDefinition (optional)

**TriggerDefinition**

defaultValueUsageContext (optional)

**UsageContext**

defaultValueDosage (optional)

**Dosage**

defaultValueMeta (optional)

**Meta**

meaningWhenMissing (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

meaningWhenMissing (optional)

Element

orderMeaning (optional)

String A sequence of Unicode characters

orderMeaning (optional)

Element

fixedBase64Binary (optional)

String Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

fixedBase64Binary (optional)

Element

fixedBoolean (optional)

Boolean Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

fixedBoolean (optional)

Element

fixedCanonical (optional)

String Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

fixedCanonical (optional)

Element

fixedCode (optional)

String Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

fixedCode (optional)

Element

fixedDate (optional)

String Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

fixedDate (optional)

Element

fixedDateTime (optional)

String Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

fixedDateTime (optional)

Element

fixedDate (optional)

String Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

fixedDate (optional)

Element

fixedDateTime (optional)

String Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

fixedDateTime (optional)

Element
_fixedDateTime (optional)

**Element**

**fixedDecimal (optional)**

*BigDecimal* Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

**fixedDecimal (optional)**

**Element**

**fixedId (optional)**

*String* Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

**fixedId (optional)**

**Element**

**fixedInstant (optional)**

*String* Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

**fixedInstant (optional)**

**Element**

**fixedInteger (optional)**

*BigDecimal* Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

**fixedInteger (optional)**

**Element**

**fixedMarkdown (optional)**

*String* Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

**fixedMarkdown (optional)**

**Element**

**fixedOid (optional)**

*String* Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

**fixedOid (optional)**

**Element**

**fixedPositiveInt (optional)**

*BigDecimal* Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

**fixedPositiveInt (optional)**

**Element**

**fixedString (optional)**

*String* Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

**fixedString (optional)**

**Element**

**fixedTime (optional)**

*String* Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

**fixedTime (optional)**

**Element**

**fixedUnsignedInt (optional)**
BigDecimal

Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

_fixedUnsignedInt (optional)

_fixedUri (optional)

String

Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

__fixedUri (optional)

_element

_fixedUuid (optional)

String

Specifies a value that SHALL be exactly the value for this element in the instance. For purposes of comparison, non-significant whitespace is ignored, and all values must be an exact match (case and accent sensitive). Missing elements/attributes must also be missing.

__fixedUuid (optional)

_element

_fixedAddress (optional)

Address

fixedAge (optional)

Age

fixedAnnotation (optional)

Annotation

fixedAttachment (optional)

Attachment

fixedCodeableConcept (optional)

CodeableConcept

fixedCoding (optional)

Coding

fixedContactPoint (optional)

ContactPoint

fixedCount (optional)

Count

fixedDistance (optional)

Distance

fixedDuration (optional)

Duration

fixedHumanName (optional)

HumanName

fixedIdentifier (optional)

Identifier

fixedMoney (optional)

Money

fixedPeriod (optional)

Period

fixedQuantity (optional)

Quantity

fixedRange (optional)

Range
fixedRatio (optional)  

Ratio

fixedReference (optional)  

Reference

fixedSampledData (optional)  

SampledData

fixedSignature (optional)  

Signature

fixedTiming (optional)  

Timing

fixedContactDetail (optional)  

ContactDetail

fixedContributor (optional)  

Contributor

fixedDataRequirement (optional)  

DataRequirement

fixedExpression (optional)  

Expression

fixedParameterDefinition (optional)  

ParameterDefinition

fixedRelatedArtifact (optional)  

RelatedArtifact

fixedTriggerDefinition (optional)  

TriggerDefinition

fixedUsageContext (optional)  

UsageContext

fixedDosage (optional)  

Dosage

fixedMeta (optional)  

Meta

patternBase64Binary (optional)  

String

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternBase64Binary (optional)  

Element

patternBoolean (optional)  

Boolean

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.
When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternBoolean (optional)
Element

_patternCanonical (optional)
String

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternCanonical (optional)
Element

_patternCode (optional)
String

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternCode (optional)
Element

_patternDate (optional)
String

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.
When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternDate (optional)

_Element

_patternDateTime (optional)

_Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternDateTime (optional)

_Element

_patternDecimal (optional)

_BigDecimal

_Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternDecimal (optional)

_Element

_patternId (optional)

_String

_Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.
When pattern\[x\] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternId (optional)

element

_patternInstant (optional)

string

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternInstant (optional)

element

_patternInteger (optional)

BigDecimal

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternInteger (optional)

element

_patternMarkdown (optional)

String

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,
1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

(patternMarkdown (optional)

(patternOid (optional)

patternOid (optional)

(patternPositiveInt (optional)

(patternPositiveInt (optional)

(patternString (optional)
3. If an array: it must match (recursively) the pattern value.

_patternString (optional)

_Element

_patternTime (optional)

_String

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternTime (optional)

_Element

_patternUnsignedInt (optional)

BigDecimal

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternUnsignedInt (optional)

_Element

_patternUri (optional)

_String

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.
_patternUri (optional)
Element

patternUri (optional)
String

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternUuid (optional)
Element

patternUuid (optional)
String

Specifies a value that the value in the instance SHALL follow - that is, any value in the pattern must be found in the instance. Other additional values may be found too. This is effectively constraint by example.

When pattern[x] is used to constrain a primitive, it means that the value provided in the pattern[x] must match the instance value exactly.

When pattern[x] is used to constrain an array, it means that each element provided in the pattern[x] array must (recursively) match at least one element from the instance array.

When pattern[x] is used to constrain a complex object, it means that each property in the pattern must be present in the complex object, and its value must recursively match -- i.e.,

1. If primitive: it must match exactly the pattern value
2. If a complex object: it must match (recursively) the pattern value
3. If an array: it must match (recursively) the pattern value.

_patternUuid (optional)
Element

patternAddress (optional)
Address

patternAge (optional)
Age

patternAnnotation (optional)
Annotation

patternAttachment (optional)
Attachment

patternCodeableConcept (optional)
CodeableConcept

patternCoding (optional)
Coding

patternContactPoint (optional)
ContactPoint

patternCount (optional)
Count
patternDistance (optional)
  - Distance

patternDuration (optional)
  - Duration

patternHumanName (optional)
  - HumanName

patternIdentifier (optional)
  - Identifier

patternMoney (optional)
  - Money

patternPeriod (optional)
  - Period

patternQuantity (optional)
  - Quantity

patternRange (optional)
  - Range

patternRatio (optional)
  - Ratio

patternReference (optional)
  - Reference

patternSampledData (optional)
  - SampledData

patternSignature (optional)
  - Signature

patternTiming (optional)
  - Timing

patternContactDetail (optional)
  - ContactDetail

patternContributor (optional)
  - Contributor

patternDataRequirement (optional)
  - DataRequirement

patternExpression (optional)
  - Expression

patternParameterDefinition (optional)
  - ParameterDefinition

patternRelatedArtifact (optional)
  - RelatedArtifact

patternTriggerDefinition (optional)
  - TriggerDefinition

patternUsageContext (optional)
  - UsageContext

patternDosage (optional)
  - Dosage

patternMeta (optional)
  - Meta

example (optional)
  - A sample value for this element demonstrating the type of information that would typically be found in the element.

minValueDate (optional)
  - The minimum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

_minValueDate (optional)
Element

minValueDateTime (optional)
String The minimum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

maxValueDateTime (optional)
String The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

minValueInstant (optional)
String The minimum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

maxValueInstant (optional)
String The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

minValueTime (optional)
String The minimum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

maxValueTime (optional)
String The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

minValueDecimal (optional)
BigDecimal The minimum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

maxValueDecimal (optional)
BigDecimal The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

minValueInteger (optional)
BigDecimal The minimum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

maxValueInteger (optional)
BigDecimal The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

minValuePositiveInt (optional)
BigDecimal The minimum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

maxValuePositiveInt (optional)
BigDecimal The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

minValueUnsignedInt (optional)
BigDecimal The minimum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

maxValueUnsignedInt (optional)
BigDecimal The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

minValueQuantity (optional)
Quantity The minimum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

maxValueQuantity (optional)
Quantity The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.
String The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

_maxValueTime (optional)
Element

maxValueDecimal (optional)
BigDecimal The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

_maxValueDecimal (optional)
Element

maxValueInteger (optional)
BigDecimal The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

_maxValueInteger (optional)
Element

maxValuePositiveInt (optional)
BigDecimal The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

_maxValuePositiveInt (optional)
Element

maxValueUnsignedInt (optional)
BigDecimal The maximum allowed value for the element. The value is inclusive. This is allowed for the types date, dateTime, instant, time, decimal, integer, and Quantity.

_maxValueUnsignedInt (optional)
Element

maxValueQuantity (optional)
Quantity

maxLength (optional)
BigDecimal A whole number

_maxLength (optional)
Element

condition (optional)
array[String] A reference to an invariant that may make additional statements about the cardinality or value in the instance.

_condition (optional)
array[Element] Extensions for condition

constraint (optional)
array[ElementDefinition_Constraint] Formal constraints such as co-occurrence and other constraints that can be computationally evaluated within the context of the instance.

mustSupport (optional)
Boolean Value of "true" or "false"

.mustSupport (optional)
Element

isModifier (optional)
Boolean Value of "true" or "false"

_isModifier (optional)
Element

isModifierReason (optional)
String A sequence of Unicode characters

_isModifierReason (optional)
Element

isSummary (optional)
Boolean Value of "true" or "false"

_isSummary (optional)
Element
binding (optional)
  ElementDefinition_Binding

mapping (optional)
  array[ElementDefinition_Mapping] Identifies a concept from an external specification that roughly corresponds to this element.

ElementDefinition_Base -

Captures constraints on each element within the resource, profile, or extension.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

path (optional)
  String A sequence of Unicode characters

  _path (optional)
  Element

  min (optional)
  BigDecimal An integer with a value that is not negative (e.g. >= 0)

  _min (optional)
  Element

  max (optional)
  String A sequence of Unicode characters

  _max (optional)
  Element

ElementDefinition_Binding -

Captures constraints on each element within the resource, profile, or extension.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.
to make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

strength (optional)
String indicates the degree of conformance expectations associated with this binding - that is, the
degree to which the provided value set must be adhered to in the instances.

- required
- extensible
- preferred
- example

description (optional)
String A sequence of Unicode characters

valueSet (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

Captures constraints on each element within the resource, profile, or extension.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

key (optional)
String Any combination of letters, numerals, "," and ".", with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

requirements (optional)
String A sequence of Unicode characters

severity (optional)
String Identifies the impact constraint violation has on the conformance of the instance.
ElementDefinition_Discriminator

Captures constraints on each element within the resource, profile, or extension.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
  String How the element value is interpreted when discrimination is evaluated.

  Enum:
    value
    exists
    pattern
    type
    profile

_path (optional)
  Element

path (optional)
  String A sequence of Unicode characters

_error (optional)
  Element

_warning (optional)
  Element

_severity (optional)
  Element

human (optional)
  String A sequence of Unicode characters

_human (optional)
  Element

_expression (optional)
  String A sequence of Unicode characters

_xpath (optional)
  String A sequence of Unicode characters

_source (optional)
  String A URI that is a reference to a canonical URL on a FHIR resource
ElementDefinition_Example - Captures constraints on each element within the resource, profile, or extension.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

label (optional)
String A sequence of Unicode characters

_valueBase64Binary (optional)
Element

_valueCanonical (optional)
Element

_valueCode (optional)
Element

_valueDate (optional)
Element

_valueDecimal (optional)
Element

_valueDateTime (optional)
Element

_valueId (optional)
valueAttachment (optional)
Attachment

valueCodeableConcept (optional)
CodeableConcept

valueCoding (optional)
Coding

valueContactPoint (optional)
ContactPoint

valueCount (optional)
Count

valueDistance (optional)
Distance

valueDuration (optional)
Duration

valueHumanName (optional)
HumanName

valueIdentifier (optional)
Identifier

valueMoney (optional)
Money

valuePeriod (optional)
Period

valueQuantity (optional)
Quantity

valueRange (optional)
Range

valueRatio (optional)
Ratio

valueReference (optional)
Reference

valueSampledData (optional)
SampledData

valueSignature (optional)
Signature

valueTiming (optional)
Timing

valueContactDetail (optional)
ContactDetail

valueContributor (optional)
Contributor

valueDataRequirement (optional)
DataRequirement

valueExpression (optional)
Expression

valueParameterDefinition (optional)
ParameterDefinition

valueRelatedArtifact (optional)
RelatedArtifact

valueTriggerDefinition (optional)
TriggerDefinition

valueUsageContext (optional)
UsageContext
valueDosage (optional)

Dosage

valueMeta (optional)

Meta

ElementDefinition_Mapping - [Up]

Captures constraints on each element within the resource, profile, or extension.

id (optional)

String  A sequence of Unicode characters

extension (optional)

array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identity (optional)

String  Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_identity (optional)

Element

_language (optional)

String  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

map (optional)

String  A sequence of Unicode characters

_map (optional)

Element

comment (optional)

String  A sequence of Unicode characters

_comment (optional)

Element

ElementDefinition_Slicing - [Up]

Captures constraints on each element within the resource, profile, or extension.

id (optional)

String  A sequence of Unicode characters

extension (optional)

array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

discriminator (optional)
array[ElementDefinition_Discriminator] Designates which child elements are used to discriminate between the slices when processing an instance. If one or more discriminators are provided, the value of the child elements in the instance data SHALL completely distinguish which slice the element in the resource matches based on the allowed values for those elements in each of the slices.

description (optional)
String A sequence of Unicode characters

_description (optional)
Element

ordered (optional)
Boolean Value of “true” or “false”

_ordered (optional)
Element

rules (optional)
String Whether additional slices are allowed or not. When the slices are ordered, profile authors can also say that additional slices are only allowed at the end.

Enum:
closed
open
openAtEnd

__rules (optional)
Element

ElementDefinition_Type -
Captures constraints on each element within the resource, profile, or extension.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
code (optional)

String String of characters used to identify a name or a resource

_code (optional)

Element

profile (optional)

array[String] Identifies a profile structure or implementation Guide that applies to the datatype this element refers to. If any profiles are specified, then the content must conform to at least one of them. The URL can be a local reference - to a contained StructureDefinition, or a reference to another StructureDefinition or Implementation Guide by a canonical URL. When an implementation guide is specified, the type SHALL conform to at least one profile defined in the implementation guide.

targetProfile (optional)

array[String] Used when the type is “Reference” or “canonical”, and identifies a profile structure or implementation Guide that applies to the target of the reference this element refers to. If any profiles are specified, then the content must conform to at least one of them. The URL can be a local reference - to a contained StructureDefinition, or a reference to another StructureDefinition or Implementation Guide by a canonical URL. When an implementation guide is specified, the target resource SHALL conform to at least one profile defined in the implementation guide.

aggregation (optional)

array[String] If the type is a reference to another resource, how the resource is or can be aggregated - is it a contained resource, or a reference, and if the context is a bundle, is it included in the bundle. Enum:

_aggregation (optional)

array[Element] Extensions for aggregation

versioning (optional)

String Whether this reference needs to be version specific or version independent, or whether either can be used.

Enum:

either

independent

specific

_versioning (optional)

Element

Encounter -

An interaction between a patient and healthcare provider(s) for the purpose of providing healthcare service(s) or assessing the health status of a patient.

resourceType

oas_any_type_not_mapped This is a Encounter resource

id (optional)

String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

_implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

text (optional)

Narrative

contained (optional)
These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

`array[Identifier]` Identifier(s) by which this encounter is known.

**status (optional)**

*String* planned | arrived | triaged | in-progress | onleave | finished | cancelled +.

- planned
- arrived
- triaged
- in-progress
- onleave
- finished
- cancelled
- entered-in-error
- unknown

**status (optional)**

*Element*

**statusHistory (optional)**

`array[Encounter_StatusHistory]` The status history permits the encounter resource to contain the status history without needing to read through the historical versions of the resource, or even have the server store them.

**class (optional)**

*Coding*

**classHistory (optional)**

`array[Encounter_ClassHistory]` The class history permits the tracking of the encounters transitions without needing to go through the resource history. This would be used for a case where an admission starts of as an emergency encounter, then transitions into an inpatient scenario. Doing this and not restarting a new encounter ensures that any lab/diagnostic results can more easily follow the patient and not require re-processing and not get lost or cancelled during a kind of discharge from emergency to inpatient.

**type (optional)**

`array[CodeableConcept]` Specific type of encounter (e.g. e-mail consultation, surgical day-care, skilled nursing, rehabilitation).

**serviceType (optional)**

*CodeableConcept*

**priority (optional)**

*CodeableConcept*

**subject (optional)**

*Reference*

**episodeOfCare (optional)**
Encounter - An interaction between a patient and healthcare provider(s) for the purpose of providing healthcare service(s) or assessing the health status of a patient.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

class
   Coding

period
   Period

Encounter_Diagnosis -

An interaction between a patient and healthcare provider(s) for the purpose of providing healthcare service(s) or assessing the health status of a patient.

   id (optional)
      String A sequence of Unicode characters

   extension (optional)
      array[Extension]
      May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   modifierExtension (optional)
      array[Extension]

      May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

      Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

   condition
      Reference

   use (optional)
      CodeableConcept

   rank (optional)
      BigDecimal An integer with a value that is positive (e.g. >0)

   _rank (optional)
      Element

Encounter_Hospitalization -

An interaction between a patient and healthcare provider(s) for the purpose of providing healthcare service(s) or assessing the health status of a patient.

   id (optional)
      String A sequence of Unicode characters

   extension (optional)
      array[Extension]
      May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   modifierExtension (optional)
      array[Extension]

      May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**preAdmissionIdentifier** (optional)

*Identifier*

**origin** (optional)

*Reference*

**admitSource** (optional)

*CodeableConcept*

**reAdmission** (optional)

*CodeableConcept*

**dietPreference** (optional)

*array[CodeableConcept]* Diet preferences reported by the patient.

**specialCourtesy** (optional)

*array[CodeableConcept]* Special courtesies (VIP, board member).

**specialArrangement** (optional)

*array[CodeableConcept]* Any special requests that have been made for this hospitalization encounter, such as the provision of specific equipment or other things.

**destination** (optional)

*Reference*

**dischargeDisposition** (optional)

*CodeableConcept*

**Encounter** _Location_ -

An interaction between a patient and healthcare provider(s) for the purpose of providing healthcare service(s) or assessing the health status of a patient.

**id** (optional)

*String* A sequence of Unicode characters

**extension** (optional)

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any Implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension** (optional)

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any Implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**location**

*Reference*

**status** (optional)

*String* The status of the participants' presence at the specified location during the period specified. If the participant is no longer at the location, then the period will have an end date/time.

Enum:

- planned
- active
- reserved
- completed
Encounter_Participant -

An interaction between a patient and healthcare provider(s) for the purpose of providing healthcare service(s) or assessing the health status of a patient.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

type (optional)
  array[CodeableConcept] Role of participant in encounter.

period (optional)
  Period

individual (optional)
  Reference

Encounter_StatusHistory -

An interaction between a patient and healthcare provider(s) for the purpose of providing healthcare service(s) or assessing the health status of a patient.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**status (optional)**

*String* planned | arrived | triaged | in-progress | onleave | finished | cancelled +.

* Enum:
  - planned
  - arrived
  - triaged
  - in-progress
  - onleave
  - finished
  - cancelled
  - entered-in-error
  - unknown

**_status (optional)**

*Element*

**period**

*Period*

---

**Endpoint**

The technical details of an endpoint that can be used for electronic services, such as for web services providing XDS.b or a REST endpoint for another FHIR server. This may include any security context information.

- **resourceType**
  - *oas_any_type_not_mapped* This is a Endpoint resource

- **id (optional)**
  - *String* Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta (optional)**
  - *Meta*

- **implicitRules (optional)**
  - *String* string of characters used to identify a name or a resource

- **_implicitRules (optional)**
  - *Element*

- **language (optional)**
  - *String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **_language (optional)**
  - *Element*

- **text (optional)**
  - *Narrative*

- **contained (optional)**
  - *array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - *array[Extension]*

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

Array of Identifier

Identifier for the organization that is used to identify the endpoint across multiple disparate systems.

**status (optional)**

String `active` | `suspended` | `error` | `off` | `test`.

Enum:

- `active`
- `suspended`
- `error`
- `off`
- `entered-in-error`
- `test`

**_status (optional)**

Element

**connectionType**

Coding

**name (optional)**

String A sequence of Unicode characters

**_name (optional)**

Element

**managingOrganization (optional)**

Reference

**contact (optional)**

Array of ContactPoint

Contact details for a human to contact about the subscription. The primary use of this for system administrator troubleshooting.

**period (optional)**

Period

**payloadType**

Array of CodeableConcept

The payload type describes the acceptable content that can be communicated on the endpoint.

**payloadMimeType (optional)**

Array of String

The mime type to send the payload in - e.g. application/fhir+xml, application/fhir+json. If the mime type is not specified, then the sender could send any content (including no content depending on the connectionType).

**_payloadMimeType (optional)**

Array of Element

Extensions for payloadMimeType

**address (optional)**

String A URI that is a literal reference

**_address (optional)**

Element

**header (optional)**

Array of String

Additional headers / information to send as part of the notification.

**_header (optional)**

Array of Element

Extensions for header

**EnrollmentRequest**

This resource provides the insurance enrollment details to the insurer regarding a specified coverage.

**resourceType**

*oas_any_type_not_mapped* This is an EnrollmentRequest resource

**id (optional)**
Any combination of letters, numerals, `-` and `.` with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

**meta (optional)**

*Meta*

**implicitRules (optional)**

*String* String of characters used to identify a name or a resource

*_implicitRules (optional)*

*Element*

**language (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_*language (optional)*

*Element*

**text (optional)**

*Narrative*

**contained (optional)**

*array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

*array[Identifier]* The Response business identifier.

**status (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_*status (optional)*

*Element*

**created (optional)**

*String* A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_*created (optional)*

*Element*

**insurer (optional)**

*Reference*

**provider (optional)**

*Reference*

**candidate (optional)**

*Reference*
EnrollmentResponse -

This resource provides enrollment and plan details from the processing of an EnrollmentRequest resource.

resourceType
- `oas_any_type_not_mapped` This is an EnrollmentResponse resource

id (optional)
- `String` Any combination of letters, numerals, "," and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
- `Meta`

implicitRules (optional)
- `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

language (optional)
- `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

text (optional)
- `Narrative`

contained (optional)
- `array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
- `array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
- `array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

status (optional)
- `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

request (optional)
- `Reference`

outcome (optional)
EpisodeOfCare -

An association between a patient and an organization / healthcare provider(s) during which time encounters may occur. The managing organization assumes a level of responsibility for the patient during this time.

resourceType

This is a EpisodeOfCare resource

id (optional)

String Any combination of letters, numerals, “-“ and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed UUID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

implicitRules (optional)

String String of characters used to identify a name or a resource

_language (optional)

Element
text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[ModifierExtension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] The EpisodeOfCare may be known by different identifiers for different contexts of use, such as when an external agency is tracking the Episode for funding purposes.

status (optional)

String planned | waitlist | active | onhold | finished | cancelled.
Enum:
- planned
- waitlist
- active
- onhold
- finished
- cancelled
- entered-in-error

_status (optional)

Element

statusHistory (optional)

array[EpisodeOfCare_StatusHistory] The history of statuses that the EpisodeOfCare has been through (without requiring processing the history of the resource).

type (optional)

array[CodeableConcept] A classification of the type of episode of care; e.g. specialist referral, disease management, type of funded care.

diagnosis (optional)

array[EpisodeOfCare_Diagnosis] The list of diagnosis relevant to this episode of care.

patient

Reference

managingOrganization (optional)

Reference

period (optional)

Period

referralRequest (optional)

array[Reference] Referral Request(s) that are fulfilled by this EpisodeOfCare, incoming referrals.

careManager (optional)

Reference

team (optional)

array[Reference] The list of practitioners that may be facilitating this episode of care for specific purposes.

account (optional)

array[Reference] The set of accounts that may be used for billing for this EpisodeOfCare.

EpisodeOfCare_Diagnosis -

An association between a patient and an organization / healthcare provider(s) during which time encounters may occur. The managing organization assumes a level of responsibility for the patient during this time.

id (optional)

String A sequence of Unicode characters

extension (optional)
**array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

**array[Extension]**

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**condition**

**Reference**

**role (optional)**

**CodeableConcept**

**rank (optional)**

**BigDecimal** An integer with a value that is positive (e.g. >0)

**_rank (optional)**

**Element**

---

**EpisodeOfCare_StatusHistory - **

An association between a patient and an organization / healthcare provider(s) during which time encounters may occur. The managing organization assumes a level of responsibility for the patient during this time.

**id (optional)**

**String** A sequence of Unicode characters

**extension (optional)**

**array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

**array[Extension]**

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**status (optional)**

**String** planned | waitlist | active | onhold | finished | cancelled.

Enum:

- **planned**
- **waitlist**
- **active**
- **onhold**
- **finished**
- **cancelled**
- **entered-in-error**
EventDefinition -

The EventDefinition resource provides a reusable description of when a particular event can occur.

- **resourceType**
  - `oas_any_type_not_mapped` This is an EventDefinition resource

- **id** (optional)
  - `String` Any combination of letters, numerals, “.” and “,”, with a length limit of 64 characters. (This might be an integer, an unprefixed UUID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

- **meta** (optional)
  - `Meta`

- **implicitRules** (optional)
  - `String` String of characters used to identify a name or a resource

- **_language** (optional)
  - `Element`

- **text** (optional)
  - `Narrative`

- **contained** (optional)
  - `array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension** (optional)
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension** (optional)
  - `array[Extension]`

  May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **url** (optional)
  - `String` String of characters used to identify a name or a resource

- **identifier** (optional)
  - `array[Identifier]` A formal identifier that is used to identify this event definition when it is represented in other formats, or referenced in a specification, model, design or an instance.

- **version** (optional)
String A sequence of Unicode characters

_version (optional)
Element

name (optional)
String A sequence of Unicode characters

_name (optional)
Element

title (optional)
String A sequence of Unicode characters

_title (optional)
Element

subtitle (optional)
String A sequence of Unicode characters

_subtitle (optional)
Element

status (optional)
String The status of this event definition. Enables tracking the life-cycle of the content.
Enum:
draft
active
retired
unknown

_status (optional)
Element

experimental (optional)
Boolean Value of "true" or "false"

_experimental (optional)
Element

subjectCodeableConcept (optional)
CodeableConcept

subjectReference (optional)
Reference

date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)
Element

publisher (optional)
String A sequence of Unicode characters

_publisher (optional)
Element

contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)
Element

useContext (optional)
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate event definition instances.
jurisdiction (optional)
array[CodeableConcept] A legal or geographic region in which the event definition is intended to be used.

purpose (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

usage (optional)
String A sequence of Unicode characters

copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

approvalDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

lastReviewDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

effectivePeriod (optional)
Period

topic (optional)
array[CodeableConcept] Descriptive topics related to the module. Topics provide a high-level categorization of the module that can be useful for filtering and searching.

author (optional)
array[ContactDetail] An individual or organization primarily involved in the creation and maintenance of the content.

editor (optional)
array[ContactDetail] An individual or organization primarily responsible for internal coherence of the content.

reviewer (optional)
array[ContactDetail] An individual or organization primarily responsible for review of some aspect of the content.

endorser (optional)
array[ContactDetail] An individual or organization responsible for officially endorsing the content for use in some setting.

relatedArtifact (optional)
array[RelatedArtifact] Related resources such as additional documentation, justification, or bibliographic references.

trigger
array[TriggerDefinition] The trigger element defines when the event occurs. If more than one trigger condition is specified, the event fires whenever any one of the trigger conditions is met.

Evidence -

The Evidence resource describes the conditional state (population and any exposures being compared within the population) and outcome (if specified) that the knowledge (evidence, assertion, recommendation) is about.
This is a Evidence resource

- **id** (optional)
  - *String* Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta** (optional)
  - *Meta*

- **implicitRules** (optional)
  - *String* String of characters used to identify a name or a resource

- **_implicitRules** (optional)
  - *Element*

- **language** (optional)
  - *String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **_language** (optional)
  - *Element*

- **text** (optional)
  - *Narrative*

- **contained** (optional)
  - *array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension** (optional)
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension** (optional)
  - *array[Extension]*

  May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **url** (optional)
  - *String* String of characters used to identify a name or a resource

- **_url** (optional)
  - *Element*

- **identifier** (optional)
  - *array[Identifier]* A formal identifier that is used to identify this evidence when it is represented in other formats, or referenced in a specification, model, design or an instance.

- **version** (optional)
  - *String* A sequence of Unicode characters

- **_version** (optional)
  - *Element*

- **name** (optional)
  - *String* A sequence of Unicode characters

- **_name** (optional)
  - *Element*

- **title** (optional)
  - *String* A sequence of Unicode characters
_title (optional)
Element

shortTitle (optional)
String A sequence of Unicode characters

_shortTitle (optional)
Element

subtitle (optional)
String A sequence of Unicode characters

_subtitle (optional)
Element

status (optional)
String The status of this evidence. Enables tracking the life-cycle of the content.

Enum:
draft
active
retired
unknown

_status (optional)
Element

date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)
Element

publisher (optional)
String A sequence of Unicode characters

_publisher (optional)
Element

doctor (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)
Element

note (optional)
array[Annotation] A human-readable string to clarify or explain concepts about the resource.

useContext (optional)
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate evidence instances.

jurisdiction (optional)
array[CodeableConcept] A legal or geographic region in which the evidence is intended to be used.

copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_copyright (optional)
Element

approvalDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

approvalDate (optional)
Element
lastReviewDate (optional)

String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

lastReviewDate (optional)

Element

effectivePeriod (optional)

Period

topic (optional)

array[CodeableConcept] Descriptive topics related to the content of the Evidence. Topics provide a high-level categorization grouping types of Evidences that can be useful for filtering and searching.

author (optional)

array[ContactDetail] An individual or organization primarily involved in the creation and maintenance of the content.

editor (optional)

array[ContactDetail] An individual or organization primarily responsible for internal coherence of the content.

reviewer (optional)

array[ContactDetail] An individual or organization primarily responsible for review of some aspect of the content.

derendorser (optional)

array[ContactDetail] An individual or organization responsible for officially endorsing the content for use in some setting.

relatedArtifact (optional)

array[RelatedArtifact] Related artifacts such as additional documentation, justification, or bibliographic references.

exposureBackground

Reference

exposureVariant (optional)

array[Reference] A reference to a EvidenceVariable resource that defines the exposure for the research.

outcome (optional)

array[Reference] A reference to a EvidenceVariable resource that defines the outcome for the research.

EvidenceVariable

The EvidenceVariable resource describes a “PICO” element that knowledge (evidence, assertion, recommendation) is about.

resourceType

oas_any_type_not_mapped This is a EvidenceVariable resource

id (optional)

String Any combination of letters, numerals, “.” and “_” with a length limit of 64 characters. (This might be an integer, an unprefixed UID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

language (optional)

Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)
String string of characters used to identify a name or a resource

_url (optional)
Element

identifier (optional)
array[Identifier] A formal identifier that is used to identify this evidence variable when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)
String A sequence of Unicode characters

_version (optional)
Element

name (optional)
String A sequence of Unicode characters

_name (optional)
Element

title (optional)
String A sequence of Unicode characters

_title (optional)
Element

shortTitle (optional)
String A sequence of Unicode characters

_shortTitle (optional)
Element

subtitle (optional)
String A sequence of Unicode characters

_subtitle (optional)
Element

status (optional)
String The status of this evidence variable. Enables tracking the life-cycle of the content.

Enum:

draft
active
retired
unknown
_status (optional)
Element

date (optional)
String A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.
_date (optional)
Element

publisher (optional)
String A sequence of Unicode characters
__publisher (optional)
Element

contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.
description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark
down presentation engine
__description (optional)
Element

note (optional)
array[Annotation] A human-readable string to clarify or explain concepts about the resource.

useContext (optional)
array[UsageContext] The content was developed with a focus and intent of supporting the contexts
that are listed. These contexts may be general categories (gender, age, ...) or may be references to
specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching
for appropriate evidence variable instances.
jurisdiction (optional)
array[CodeableConcept] A legal or geographic region in which the evidence variable is intended to be
used.
copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark
down presentation engine
__copyright (optional)
Element

approvalDate (optional)
String A date or partial date (e.g., just year or year + month). There is no time zone. The format is a
union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.
__approvalDate (optional)
Element

lastReviewDate (optional)
String A date or partial date (e.g., just year or year + month). There is no time zone. The format is a
union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.
__lastReviewDate (optional)
Element

effectivePeriod (optional)
Period
topic (optional)
array[CodeableConcept] Descriptive topics related to the content of the EvidenceVariable. Topics
provide a high-level categorization grouping types of EvidenceVariables that can be useful for filtering
and searching.

author (optional)
array[ContactDetail] An individual or organization primarily involved in the creation and maintenance
of the content.
editor (optional)
array[ContactDetail] An individual or organization primarily responsible for internal coherence of the content.

reviewer (optional)
array[ContactDetail] An individual or organization primarily responsible for review of some aspect of the content.

endorser (optional)
array[ContactDetail] An individual or organization responsible for officially endorsing the content for use in some setting.

relatedArtifact (optional)
array[RelatedArtifact] Related artifacts such as additional documentation, justification, or bibliographic references.

type (optional)
String The type of evidence element, a population, an exposure, or an outcome.

    Enum:
    - dichotomous
    - continuous
    - descriptive

 characteristic
array[EvidenceVariable_Characteristic] A characteristic that defines the members of the evidence element. Multiple characteristics are applied with “and” semantics.

definitionCanonical (optional)
String Define members of the evidence element using Codes (such as condition, medication, or observation), Expressions (using an expression language such as FHIRPath or CQL) or DataRequirements (such as Diabetes diagnosis onset in the last year).
definitionCodeableConcept (optional)  
  CodeableConcept

definitionExpression (optional)  
  Expression

definitionDataRequirement (optional)  
  DataRequirement

definitionTriggerDefinition (optional)  
  TriggerDefinition

usageContext (optional)  
  array[UsageContext] Use UsageContext to define the members of the population, such as Age Ranges, Genders, Settings.

exclude (optional)  
  Boolean Value of "true" or "false"

  _exclude (optional)  
  Element

participantEffectiveDateTime (optional)  
  String Indicates what effective period the study covers.

  _participantEffectiveDateTime (optional)  
  Element

participantEffectivePeriod (optional)  
  Period

participantEffectiveDuration (optional)  
  Duration

participantEffectiveTiming (optional)  
  Timing

timeFromStart (optional)  
  Duration

groupMeasure (optional)  
  String Indicates how elements are aggregated within the study effective period.

  Enum:  
    mean
    median
    mean-of-mean
    mean-of-median
    median-of-mean
    median-of-median

  _groupMeasure (optional)  
  Element

ExampleScenario -  

Example of workflow instance.

  resourceType  
  oas_any_type_not_mapped This is a ExampleScenario resource

  id (optional)  
  String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

  meta (optional)  
  Meta

  implicitRules (optional)  
  String String of characters used to identify a name or a resource

  _implicitRules (optional)  
  Element

  language (optional)
A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

_Element
text (optional)

_Narrative

contained (optional)

_array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

_array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

_array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)

_String String of characters used to identify a name or a resource

_url (optional)

_Element

identifier (optional)

_array[Identifier] A formal identifier that is used to identify this example scenario when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)

_String A sequence of Unicode characters

_version (optional)

_Element

name (optional)

_String A sequence of Unicode characters

_name (optional)

_Element

status (optional)

_String The status of this example scenario. Enables tracking the life-cycle of the content.

Enum:

draft
active
retired
unknown

_status (optional)

_Element

experimental (optional)

_Boolean Value of “true” or “false”

_experimental (optional)

_Element

date (optional)
String A date, date-time or partial date (e.g. just year or year + month). It hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)
_Element

publisher (optional)
String A sequence of Unicode characters

_publisher (optional)
_Element

contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

useContext (optional)
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate example scenario instances.

jurisdiction (optional)
array[CodeableConcept] A legal or geographic region in which the example scenario is intended to be used.

copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_copyright (optional)
_Element

purpose (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_purpose (optional)
_Element

actor (optional)
array[ExampleScenario_Actor] Actor participating in the resource.

instance (optional)
array[ExampleScenario_Instance] Each resource and each version that is present in the workflow.

process (optional)
array[ExampleScenario_Process] Each major process - a group of operations.

workflow (optional)
array[String] Another nested workflow.

ExampleScenario_Actor -

Example of workflow instance.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

actorId (optional)

String A sequence of Unicode characters

_type (optional)

Element
type (optional)

String The type of actor - person or system.

Enum:

-person
-entity

_name (optional)

Element
title (optional)

String A sequence of Unicode characters

description (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

ExampleScenario_Alternative -

Example of workflow instance.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

title (optional)

String A sequence of Unicode characters

description (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine
step (optional)
array[ExampleScenario_Step] What happens in each alternative option.

ExampleScenario_ContainedInstance -
Example of workflow instance.

id (optional)  
String A sequence of Unicode characters

extension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

resourceId (optional)  
String A sequence of Unicode characters

_versionId (optional)  
Element

ExampleScenario_Instance -
Example of workflow instance.

id (optional)  
String A sequence of Unicode characters

extension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
resourceld (optional)
String A sequence of Unicode characters

__resourceId (optional)
Element

resourceType (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

__resourceType (optional)
Element

name (optional)
String A sequence of Unicode characters

__name (optional)
Element

description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

__description (optional)
Element

version (optional)
array[ExampleScenario_Version] A specific version of the resource.

containedInstance (optional)
array[ExampleScenario_ContainedInstance] Resources contained in the instance (e.g. the observations contained in a bundle).

ExampleScenario_Operation -
Example of workflow instance.

id (optional)
String A sequence of Unicode characters

__id (optional)
Element

description (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

number (optional)
String A sequence of Unicode characters

__number (optional)
Element

type (optional)
String A sequence of Unicode characters

__type (optional)
Element

name (optional)
ExampleScenario_Process -

Example of workflow instance.

id (optional)
String A sequence of Unicode characters

description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

description (optional)
Element

initiatorActive (optional)
Boolean Value of "true" or "false"

receiverActive (optional)
Boolean Value of "true" or "false"

request (optional)
ExampleScenario_ContainedInstance

response (optional)
ExampleScenario_ContainedInstance

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark
down presentation engine

preConditions (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark
down presentation engine

postConditions (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark
down presentation engine

step (optional)
array[ExampleScenario_Step] Each step of the process.

ExampleScenario_Step -
Example of workflow instance.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

process (optional)
array[ExampleScenario_Process] Nested process.

pause (optional)
Boolean Value of “true” or “false”

operation (optional)
ExampleScenario_Operation
alternative (optional)
array[ExampleScenario_Alternative] Indicates an alternative step that can be taken instead of the
operations on the base step in exceptional/atypical circumstances.

ExampleScenario_Version -
Example of workflow instance.

id (optional)
String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

versionId (optional)
  String A sequence of Unicode characters

_description (optional)
  Element

ExplanationOfBenefit -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account
balance information, for informing the subscriber of the benefits provided.

resourceType
  oas_any_type_not_mapped This is a ExplanationOfBenefit resource

_id (optional)
  String Any combination of letters, numerals, "," and ".", with a length limit of 64 characters. (This
  might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
  constraints.) Ids are case-insensitive.

_meta (optional)
  Meta

_implicitRules (optional)
  String String of characters used to identify a name or a resource

_language (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there
  is no whitespace other than single spaces in the contents

_text (optional)
  Narrative

contained (optional)
  array[ResourceList] These resources do not have an independent existence apart from the resource
  that contains them - they cannot be identified independently, and nor can they have their own
  independent transaction scope.

extension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] A unique identifier assigned to this explanation of benefit.

status (optional)

String The status of the resource instance.

- Enum:
  - active
  - cancelled
  - draft
  - entered-in-error

status (optional)

Element
type

CodeableConcept subType (optional)

CodeableConcept

use (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_use (optional)

Element

patient

Reference

billablePeriod (optional)

Period

created (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_created (optional)

Element

enterer (optional)

Reference

insurer

Reference

provider

Reference

priority (optional)

CodeableConcept

fundsReserveRequested (optional)

CodeableConcept

https://10.2.2.41/api-doc/
fundsReserve (optional)

related (optional)

related (optional)

prescription (optional)

originalPrescription (optional)

payee (optional)

referral (optional)

facility (optional)

claim (optional)

claimResponse (optional)

outcome (optional)

outcome (optional)

outcome (optional)

preAuthRef (optional)

preAuthRef (optional)

preAuthRef (optional)

preAuthRef (optional)

preAuthRefPeriod (optional)

preAuthRefPeriod (optional)

preAuthRefPeriod (optional)

careTeam (optional)

careTeam (optional)

supportingInfo (optional)

supportingInfo (optional)

diagnosis (optional)

diagnosis (optional)

procedure (optional)

procedure (optional)

precedence (optional)

precedence (optional)

precedence (optional)

insurance

insurance

https://10.2.2.41/api-doc/
accident (optional)

ExplanationOfBenefit_Accident

item (optional)

array[ExplanationOfBenefit_Item] A claim line. Either a simple (a product or service) or a 'group' of
details which can also be a simple items or groups of sub-details.

addItem (optional)

array[ExplanationOfBenefit_AddItem] The first-tier service adjudications for payor added product or
service lines.

adjudication (optional)

array[ExplanationOfBenefit_Adjudication] The adjudication results which are presented at the header
level rather than at the line-item or add-item levels.

total (optional)

array[ExplanationOfBenefit_Total] Categorized monetary totals for the adjudication.

payment (optional)

ExplanationOfBenefit_Payment

type (optional)

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

date (optional)

String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a
union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

date (optional)

Element

type (optional)

https://10.2.2.41/api-doc/
ExplanationOfBenefit_AddItem -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)
- `String` A sequence of Unicode characters

extension (optional)
- `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
- `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

itemSequence (optional)
- `array[BigDecimal]` Claim items which this service line is intended to replace.

_detailSequence (optional)
- `array[Element]` Extensions for itemSequence

subDetailSequence (optional)
- `array[BigDecimal]` The sequence number of the sub-details within the details within the claim item which this line is intended to replace.

_provider (optional)
- `array[Reference]` The providers who are authorized for the services rendered to the patient.

productOrService
- `CodeableConcept`

modifier (optional)
- `array[CodeableConcept]` Item typification or modifiers codes to convey additional context for the product or service.

_programCode (optional)
- `array[CodeableConcept]` Identifies the program under which this may be recovered.

_servicedDate (optional)
- `String` The date or dates when the service or product was supplied, performed or completed.
servicedPeriod (optional)

Period

locationCodeableConcept (optional)

CodeableConcept

locationAddress (optional)

Address

locationReference (optional)

Reference

quantity (optional)

Quantity

unitPrice (optional)

Money

factor (optional)

BigDecimal A rational number with implicit precision

_factor (optional)

Element

net (optional)

Money

bodySite (optional)

CodeableConcept

subSite (optional)

array[CodeableConcept] A region or surface of the bodySite, e.g. limb region or tooth surface(s).

noteNumber (optional)

array[BigDecimal] The numbers associated with notes below which apply to the adjudication of this item.

_noteNumber (optional)

array[Element] Extensions for noteNumber

adjudication (optional)

array[ExplanationOfBenefit_Adjudication] The adjudication results.

detail (optional)

array[ExplanationOfBenefit_Detail1] The second-tier service adjudications for payor added services.

ExplanationOfBenefit_Adjudication -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
category

CodeableConcept

reason (optional)

CodeableConcept

amount (optional)

Money

value (optional)

BigDecimal A rational number with implicit precision

_value (optional)

Element

ExplanationOfBenefit_BenefitBalance -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

category

CodeableConcept

excluded (optional)

Boolean Value of "true" or "false"

_excluded (optional)

Element

name (optional)

String A sequence of Unicode characters

_name (optional)

Element

description (optional)

String A sequence of Unicode characters

_description (optional)

Element

network (optional)

CodeableConcept

unit (optional)

CodeableConcept

term (optional)

CodeableConcept

financial (optional)
ExplanationOfBenefit_CareTeam -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

sequence (optional)
  An integer with a value that is positive (e.g. >0)

  _sequence (optional)
    Element

provider
  Reference

responsible (optional)
  Value of “true” or “false”

  _responsible (optional)
    Element

role (optional)
  CodeableConcept

qualification (optional)
  CodeableConcept

ExplanationOfBenefit_Detail -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- sequence (optional)
  - `BigDecimal` An integer with a value that is positive (e.g. >0)
- revenue (optional)
  - `Element`
- category (optional)
  - `CodeableConcept`
- productOrService
  - `CodeableConcept`
- modifier (optional)
  - array[CodeableConcept] Item typification or modifiers codes to convey additional context for the product or service.
- programCode (optional)
  - array[CodeableConcept] Identiﬁes the program under which this may be recovered.
- quantity (optional)
  - `Quantity`
- unitPrice (optional)
  - `Money`
- factor (optional)
  - `BigDecimal` A rational number with implicit precision
- _factor (optional)
  - `Element`
- net (optional)
  - `Money`
- udi (optional)
  - array[Reference] Unique Device Identifiers associated with this line item.
- noteNumber (optional)
  - array[BigDecimal] The numbers associated with notes below which apply to the adjudication of this item.
- _noteNumber (optional)
  - array[Element] Extensions for noteNumber
- adjudication (optional)
  - array[ExplanationOfBenefit_Adjudication] The adjudication results.
- subDetail (optional)
  - array[ExplanationOfBenefit_SubDetail] Third-tier of goods and services.

ExplanationOfBenefit_Detail1 -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

- id (optional)
  - `String` A sequence of Unicode characters
- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- modifierExtension (optional)
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

productOrService
   CodeableConcept
modifier (optional)
   array[CodeableConcept] Item typification or modifiers codes to convey additional context for the product or service.
quantity (optional)
   Quantity
unitPrice (optional)
   Money
factor (optional)
   BigDecimal A rational number with implicit precision
   _factor (optional)
   Element
net (optional)
   Money
noteNumber (optional)
   array[BigDecimal] The numbers associated with notes below which apply to the adjudication of this item.
   _noteNumber (optional)
   array[Element] Extensions for noteNumber
adjudication (optional)
   array[ExplanationOfBenefit_Adjudication] The adjudication results.
subDetail (optional)
   array[ExplanationOfBenefit_SubDetail1] The third-tier service adjudications for payor added services.

ExplanationOfBenefit_Diagnosis -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)
   String A sequence of Unicode characters
extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
   array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

sequence (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_sequence (optional)

Element

diagnosisCodeableConcept (optional)

CodeableConcept
diagnosisReference (optional)

Reference
type (optional)

array[CodeableConcept] When the condition was observed or the relative ranking.

onAdmission (optional)

CodeableConcept

packageCode (optional)

CodeableConcept

ExplanationOfBenefit_Financial -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type

CodeableConcept

allowedUnsignedInt (optional)

BigDecimal The quantity of the benefit which is permitted under the coverage.

_usedUnsignedInt (optional)

Element

allowedString (optional)

String The quantity of the benefit which is permitted under the coverage.

_usedString (optional)

Element

allowedMoney (optional)

Money

_usedMoney (optional)

Element
ExplanationOfBenefit_Insurance -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

focal (optional)

Boolean value of “true” or “false”

_focal (optional)

Element

coverage

Reference

preAuthRef (optional)

array[String] Reference numbers previously provided by the insurer to the provider to be quoted on subsequent claims containing services or products related to the prior authorization.

_preAuthRef (optional)

array[Element] Extensions for preAuthRef

ExplanationOfBenefit_Item -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

sequence (optional)
BigDecimal An integer with a value that is positive (e.g. >0)
__sequence (optional)
Element
careTeamSequence (optional)
array[BigDecimal] Care team members related to this service or product.
__careTeamSequence (optional)
array[Element] Extensions for careTeamSequence
diagnosisSequence (optional)
array[BigDecimal] Diagnoses applicable for this service or product.
__diagnosisSequence (optional)
array[Element] Extensions for diagnosisSequence
procedureSequence (optional)
array[BigDecimal] Procedures applicable for this service or product.
__procedureSequence (optional)
array[Element] Extensions for procedureSequence
informationSequence (optional)
array[BigDecimal] Exceptions, special conditions and supporting information applicable for this service or product.
__informationSequence (optional)
array[Element] Extensions for informationSequence
revenue (optional)
CodeableConcept
category (optional)
CodeableConcept
productOrService
CodeableConcept
modifier (optional)
array[CodeableConcept] Item typification or modifiers codes to convey additional context for the product or service.
programCode (optional)
array[CodeableConcept] Identifies the program under which this may be recovered.
servicedDate (optional)
String The date or dates when the service or product was supplied, performed or completed.
__servicedDate (optional)
Element
servicedPeriod (optional)
Period
locationCodeableConcept (optional)
CodeableConcept
locationAddress (optional)
Address
locationReference (optional)
Reference
quantity (optional)
Quantity
unitPrice (optional)
Money
factor (optional)
BigDecimal

A rational number with implicit precision

_factor (optional)

Element

net (optional)

Money

udi (optional)
array[Reference] Unique Device Identifiers associated with this line item.

bodySite (optional)
CodeableConcept

subSite (optional)
array[CodeableConcept] A region or surface of the bodySite, e.g. limb region or tooth surface(s).

encounter (optional)
array[Reference] A billed item may include goods or services provided in multiple encounters.

noteNumber (optional)
array[BigDecimal] The numbers associated with notes below which apply to the adjudication of this item.

_noteNumber (optional)
array[Element] Extensions for noteNumber

adjudication (optional)
array[ExplanationOfBenefit_Adjudication] If this item is a group then the values here are a summary of the adjudication of the detail items. If this item is a simple product or service then this is the result of the adjudication of this item.

detail (optional)
array[ExplanationOfBenefit_Detail] Second-tier of goods and services.

ExplanationOfBenefit_Payee -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
CodeableConcept

party (optional)
Reference

ExplanationOfBenefit_Payment -

Up
This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)
- **String** A sequence of Unicode characters

extension (optional)
- **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
- **array[Extension]**

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
- **CodeableConcept**

adjustment (optional)
- **Money**

adjustmentReason (optional)
- **CodeableConcept**

date (optional)
- **String** A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_identifier (optional)
- **Element**

amount (optional)
- **Money**

identifier (optional)
- **Identifier**

ExplanationOfBenefit_Procedure -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)
- **String** A sequence of Unicode characters

extension (optional)
- **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
- **array[Extension]**

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
sequence (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_sequence (optional)

Element

type (optional)

array[CodeableConcept] When the condition was observed or the relative ranking.

date (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)

Element

procedureCodeableConcept (optional)

CodeableConcept

procedureReference (optional)

Reference

udi (optional)

array[Reference] Unique Device Identifiers associated with this line item.

ExplanationOfBenefit_ProcessNote -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

number (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_number (optional)

Element

type (optional)

String The business purpose of the note text.

Enum:

- display
- print
- printoper

_type (optional)

Element
text (optional)

String A sequence of Unicode characters

_text (optional)

Element

language (optional)

CodeableConcept

ExplanationOfBenefit_Related -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

claim (optional)

Reference

relationship (optional)

CodeableConcept

reference (optional)

Identifier

ExplanationOfBenefit_SubDetail -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

sequence (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_sequence (optional)

Element

taxonomyCode (optional)

CodeableConcept

category (optional)

CodeableConcept

productOrService

CodeableConcept

modifier (optional)

array[CodeableConcept] Item typification or modifiers codes to convey additional context for the product or service.

programCode (optional)

array[CodeableConcept] Identifies the program under which this may be recovered.

quantity (optional)

Quantity

unitPrice (optional)

Money

_factor (optional)

BigDecimal A rational number with implicit precision

_factor (optional)

Element

net (optional)

Money

udi (optional)

array[Reference] Unique Device Identifiers associated with this line item.

_noteNumber (optional)

array[BigDecimal] The numbers associated with notes below which apply to the adjudication of this item:

_noteNumber (optional)

array[Element] Extensions for noteNumber

adjudication (optional)

array[ExplanationOfBenefit_Adjudication] The adjudication results.

ExplanationOfBenefit_SubDetail1 -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

id (optional)

String A sequence of Unicode characters

text (optional)

String

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**productOrService**

- CodeableConcept

  modifier (optional)
  - array[CodeableConcept] Item typification or modifiers codes to convey additional context for the product or service.

  quantity (optional)
  - Quantity

  unitPrice (optional)
  - Money

  factor (optional)
  - BigDecimal A rational number with implicit precision

  _factor (optional)
  - Element

  net (optional)
  - Money

  noteNumber (optional)
  - array[BigDecimal] The numbers associated with notes below which apply to the adjudication of this item.

  _noteNumber (optional)
  - array[Element] Extensions for noteNumber

  adjudication (optional)
  - array[ExplanationOfBenefit_Adjudication] The adjudication results.

**ExplanationOfBenefit_SupportingInfo** -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

- id (optional)
  - String A sequence of Unicode characters

- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- modifierExtension (optional)
  - array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- sequence (optional)
  - BigDecimal An integer with a value that is positive (e.g. >0)

- sequence (optional)
  - Element

- category
  - CodeableConcept
code (optional)

- CodeableConcept

timingDate (optional)

- String The date when or period to which this information refers.

- _timingDate (optional)

- Element
timingPeriod (optional)

- Period

valueBoolean (optional)

- Boolean Additional data or information such as resources, documents, images etc. including references to the data or the actual inclusion of the data.

- _valueBoolean (optional)

- Element

valueString (optional)

- String Additional data or information such as resources, documents, images etc. including references to the data or the actual inclusion of the data.

- _valueString (optional)

- Element

valueQuantity (optional)

- Quantity

valueAttachment (optional)

- Attachment

valueReference (optional)

- Reference

reason (optional)

- Coding

ExplanationOfBenefit_Total -

This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided.

- id (optional)

- String A sequence of Unicode characters

extension (optional)

- array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

- array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

category

- CodeableConcept

amount

- Money
Expression -

A expression that is evaluated in a specified context and returns a value. The context of use of the expression must specify the context in which the expression is evaluated, and how the result of the expression is used.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

description (optional)
String A sequence of Unicode characters

description (optional)
Element

name (optional)
String Any combination of letters, numerals, “-” and “.” with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_name (optional)
Element

language (optional)
String The media type of the language for the expression.

Enum:
text/cql
text/fhirpath
application/x-fhir-query

_language (optional)
Element

expression (optional)
String A sequence of Unicode characters

_expression (optional)
Element

reference (optional)
String String of characters used to identify a name or a resource

_reference (optional)
Element

Extension -

Optional Extension Element - found in all resources.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

url (optional)
String string of characters used to identify a name or a resource

_url (optional)
Element

valueBase64Binary (optional)
String Value of extension - must be one of a constrained set of the data types (see Extensibility for a list).

_valueBase64Binary (optional)
Element
valueBoolean (optional)

*Boolean* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueBoolean (optional)

_Element_

valueCanonical (optional)

*String* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueCanonical (optional)

_Element_

valueCode (optional)

*String* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueCode (optional)

_Element_

valueDate (optional)

*String* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueDate (optional)

_Element_

valueDateTime (optional)

*String* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueDateTime (optional)

_Element_

valueDecimal (optional)

*BigDecimal* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueDecimal (optional)

_Element_

valueId (optional)

*String* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueId (optional)

_Element_

valueInstant (optional)

*String* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueInstant (optional)

_Element_

valueInteger (optional)

*BigDecimal* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueInteger (optional)

_Element_

valueMarkdown (optional)

*String* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueMarkdown (optional)

_Element_

valueOid (optional)

*String* Value of extension - must be one of a constrained set of the data types (see [Extensibility](#) for a list).

_valueOid (optional)

_Element_
valuePositiveInt (optional)

BigDecimal Value of extension - must be one of a constrained set of the data types (see Extensibility for a list).

_element

valueString (optional)

String Value of extension - must be one of a constrained set of the data types (see Extensibility for a list).

_element

valueTime (optional)

String Value of extension - must be one of a constrained set of the data types (see Extensibility for a list).

_element

valueUnsignedInt (optional)

BigDecimal Value of extension - must be one of a constrained set of the data types (see Extensibility for a list).

_element

valueUri (optional)

String Value of extension - must be one of a constrained set of the data types (see Extensibility for a list).

_element

valueUrl (optional)

String Value of extension - must be one of a constrained set of the data types (see Extensibility for a list).

_element

valueUuid (optional)

String Value of extension - must be one of a constrained set of the data types (see Extensibility for a list).

_element

valueAddress (optional)

Address

valueAge (optional)

Age

valueAnnotation (optional)

Annotation

valueAttachment (optional)

Attachment

valueCodeableConcept (optional)

CodeableConcept

valueCoding (optional)

Coding

valueContactPoint (optional)

ContactPoint

valueCount (optional)

Count

valueDistance (optional)

Distance

valueDuration (optional)
valueHumanName (optional)
  HumanName
valueIdentifier (optional)
  Identifier
valueMoney (optional)
  Money
valuePeriod (optional)
  Period
valueQuantity (optional)
  Quantity
valueRange (optional)
  Range
valueRatio (optional)
  Ratio
valueReference (optional)
  Reference
valueSampledData (optional)
  SampledData
valueSignature (optional)
  Signature
valueTiming (optional)
  Timing
valueContactDetail (optional)
  ContactDetail
valueContributor (optional)
  Contributor
valueDataRequirement (optional)
  DataRequirement
valueExpression (optional)
  Expression
valueParameterDefinition (optional)
  ParameterDefinition
valueRelatedArtifact (optional)
  RelatedArtifact
valueTriggerDefinition (optional)
  TriggerDefinition
valueUsageContext (optional)
  UsageContext
valueDosage (optional)
  Dosage
valueMeta (optional)
  Meta

FamilyMemberHistory -

Significant health conditions for a person related to the patient relevant in the context of care for the patient.

resourceType
  oas_any_type_not_mapped This is a FamilyMemberHistory resource
id (optional)
  String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.
meta (optional)

_meta

implicitRules (optional)

_implicitRules

language (optional)

_language

text (optional)

_text

contained (optional)

contained

extension (optional)

extension

modifierExtension (optional)

modifierExtension

identifier (optional)

identifier

instantiatesCanonical (optional)

instantiatesCanonical

instantiatesUri (optional)

instantiatesUri

status (optional)

_status

dataAbsentReason (optional)

_dataAbsentReason

patient
date (optional)

String A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

Element

name (optional)

String A sequence of Unicode characters

_name (optional)

Element

relationship

CodeableConcept

sex (optional)

CodeableConcept

bornPeriod (optional)

Period

bornDate (optional)

String The actual or approximate date of birth of the relative.

_bornDate (optional)

Element

bornString (optional)

String The actual or approximate date of birth of the relative.

_bornString (optional)

Element

ageAge (optional)

Age

ageRange (optional)

Range

ageString (optional)

String The age of the relative at the time the family member history is recorded.

_ageString (optional)

Element

estimatedAge (optional)

Boolean Value of “true” or “false”

_estimatedAge (optional)

Element

deceasedBoolean (optional)

Boolean Deceased flag or the actual or approximate age of the relative at the time of death for the family member history record.

_deceasedBoolean (optional)

Element

deceasedAge (optional)

Age

deceasedRange (optional)

Range

deceasedDate (optional)

String Deceased flag or the actual or approximate age of the relative at the time of death for the family member history record.

_deceasedDate (optional)

Element

deceasedString (optional)
deceasedString (optional)
Element

deceased

reasonCode (optional)
array[CodeableConcept] Describes why the family member history occurred in coded or textual form.

reasonReference (optional)
array[Reference] Indicates a Condition, Observation, AllergyIntolerance, or QuestionnaireResponse that justifies this family member history event.

note (optional)
array[Annotation] This property allows a non condition-specific note to the made about the related person. Ideally, the note would be in the condition property, but this is not always possible.

condition (optional)
array[FamilyMemberHistory_Condition] The significant Conditions (or condition) that the family member had. This is a repeating section to allow a system to represent more than one condition per resource, though there is nothing stopping multiple resources - one per condition.

FamilyMemberHistory_Condition -

Significant health conditions for a person related to the patient relevant in the context of care for the patient.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code
CodeableConcept

outcome (optional)
CodeableConcept

contributedToDeath (optional)
Boolean value of true or false

_contributedToDeath (optional)
Element

onsetAge (optional)
Age

onsetRange (optional)
Range

onsetPeriod (optional)
Period

onsetString (optional)
String Either the age of onset, range of approximate age or descriptive string can be recorded. For conditions with multiple occurrences, this describes the first known occurrence.
_onsetString (optional)
  
  `Element`

  `note (optional)
  array[Annotation]`  An area where general notes can be placed about this specific condition.

**Flag -**

Prospective warnings of potential issues when providing care to the patient.

```
resourceType
  `oas_any_type_not_mapped` This is a Flag resource

id (optional)
  `String` Any combination of letters, numerals, `.` and ` `, with a length limit of 64 characters. (This
  might be an integer, an unprefixed UID, UUID or any other identifier pattern that meets these
  constraints.) Ids are case-insensitive.

meta (optional)
  `Meta`

  `implicitRules (optional)
  String`  String of characters used to identify a name or a resource

  `_implicitRules (optional)
  Element`

language (optional)
  `String` A string which has at least one character and no leading or trailing whitespace and where there
  is no whitespace other than single spaces in the contents

  `_language (optional)
  Element`

text (optional)
  `Narrative`

contained (optional)
  `array[ResourceList]` These resources do not have an independent existence apart from the resource
  that contains them - they cannot be identified independently, and nor can they have their own
  independent transaction scope.

extension (optional)
  `array[Extension]` May be used to represent additional information that is not part of the basic
  definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
  governance applied to the definition and use of extensions. Though any implementer can define an
  extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  `array[Extension]` May be used to represent additional information that is not part of the basic
  definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the
  containing element's descendants. Usually modifier elements provide negation or qualification. To
  make the use of extensions safe and manageable, there is a strict set of governance applied to the
  definition and use of extensions. Though any implementer is allowed to define an extension, there is a
  set of requirements that SHALL be met as part of the definition of the extension. Applications
  processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
  (including cannot change the meaning of modifierExtension itself).

identifier (optional)
  `array[Identifier]` Business identifiers assigned to this flag by the performer or other systems which
  remain constant as the resource is updated and propagates from server to server.

status (optional)
  `String` Supports basic workflow.
  
  Enum:
  
  active
  inactive
  entered-in-error
```
Goal -

Describes the intended objective(s) for a patient, group or organization care, for example, weight loss, restoring an activity of daily living, obtaining herd immunity via immunization, meeting a process improvement objective, etc.

resourceType

oas_any_type_not_mapped This is a Goal resource

id (optional)

String Any combination of letters, numerals, "-", and "." with a length limit of 64 characters. (This might be an integer, an unprefixied UID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

_language (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)

Element

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[identifier] Business identifiers assigned to this goal by the performer or other systems which remain constant as the resource is updated and propagates from server to server.

lifecycleStatus (optional)
String The state of the goal throughout its lifecycle.
   Enum:
      proposed
      planned
      accepted
      active
      on-hold
      completed
      cancelled
      entered-in-error
      rejected

_lifecycleStatus (optional)
Element

achievementStatus (optional)
CodeableConcept

category (optional)
array[CodeableConcept] Indicates a category the goal falls within.

priority (optional)
CodeableConcept

description
CodeableConcept

subject
Reference

startDate (optional)
String The date or event after which the goal should begin being pursued.

_startDate (optional)
Element

startCodeableConcept (optional)
CodeableConcept

target (optional)
array[Goal_Target] Indicates what should be done by when.

statusDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_statusDate (optional)
Element

statusReason (optional)
String A sequence of Unicode characters

__statusReason (optional)
Element

expressedBy (optional)
Reference

addresses (optional)
array[Reference] The identified conditions and other health record elements that are intended to be addressed by the goal.

note (optional)
array[Annotation] Any comments related to the goal.

outcomeCode (optional)
Goal_Target -

Describes the intended objective(s) for a patient, group or organization care, for example, weight loss, restoring an activity of daily living, obtaining herd immunity via immunization, meeting a process improvement objective, etc.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

measure (optional)

CodeableConcept

detailQuantity (optional)

Quantity

detailRange (optional)

Range

detailCodeableConcept (optional)

CodeableConcept

detailString (optional)

String The target value of the focus to be achieved to signify the fulfillment of the goal, e.g. 150 pounds, 7.0%. Either the high or low or both values of the range can be specified. When a low value is missing, it indicates that the goal is achieved at any focus value at or below the high value. Similarly, if the high value is missing, it indicates that the goal is achieved at any focus value at or above the low value.

_detailString (optional)

Element

detailBoolean (optional)

Boolean The target value of the focus to be achieved to signify the fulfillment of the goal, e.g. 150 pounds, 7.0%. Either the high or low or both values of the range can be specified. When a low value is missing, it indicates that the goal is achieved at any focus value at or below the high value. Similarly, if the high value is missing, it indicates that the goal is achieved at any focus value at or above the low value.

_detailBoolean (optional)

Element

detailInteger (optional)

BigDecimal The target value of the focus to be achieved to signify the fulfillment of the goal, e.g. 150 pounds, 7.0%. Either the high or low or both values of the range can be specified. When a low value is missing, it indicates that the goal is achieved at any focus value at or below the high value. Similarly, if the high value is missing, it indicates that the goal is achieved at any focus value at or above the low value.
GraphDefinition

A formal computable definition of a graph of resources - that is, a coherent set of resources that form a graph by following references. The Graph Definition resource defines a set and makes rules about the set.

resourceType

_ooa_any_type_not_mapped| This is a GraphDefinition resource.

id (optional)

String

Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String

String of characters used to identify a name or a resource

_language (optional)

Element

A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)

Narrative

contained (optional)

array[ResourceList]

These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)
string | String or characters used to identify a name or a resource

_url (optional)

Element

version (optional)

String | A sequence of Unicode characters

_version (optional)

Element

name (optional)

String | A sequence of Unicode characters

_name (optional)

Element

status (optional)

String | The status of this graph definition. Enables tracking the life-cycle of the content.

Enum:

draft
active
retired
unknown

_status (optional)

Element

experimental (optional)

Boolean | Value of "true" or "false"

_experimental (optional)

Element

date (optional)

String | A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)

Element

publisher (optional)

String | A sequence of Unicode characters

_publisher (optional)

Element

contact (optional)

array[ContactDetail] | Contact details to assist a user in finding and communicating with the publisher.

description (optional)

String | A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)

Element

useContext (optional)

array[UsageContext] | The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate graph definition instances.

jurisdiction (optional)

array[CodeableConcept] | A legal or geographic region in which the graph definition is intended to be used.

purpose (optional)

String | A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_purpose (optional)

Element

start (optional)
string  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_start (optional)
Element
profile (optional)
String  A URI that is a reference to a canonical URL on a FHIR resource

link (optional)
array[GraphDefinition_Link]  Links this graph makes rules about.

GraphDefinition_Compartment -  Up

A formal computable definition of a graph of resources - that is, a coherent set of resources that form a graph by following references. The Graph Definition resource defines a set and makes rules about the set.

id (optional)
String  A sequence of Unicode characters
extension (optional)
array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

use (optional)
String  Defines how the compartment rule is used - whether it is used to test whether resources are subject to the rule, or whether it is a rule that must be followed.
Enum:
  condition
  requirement

_code (optional)
Element

code (optional)
String  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_rule (optional)
Element

rule (optional)
String  identical | matching | different | no-rule | custom.
Enum:
  identical
  matching
  different
  custom

_expression (optional)
String  A sequence of Unicode characters

_expression (optional)
Element
GraphDefinition_Link -

A formal computable definition of a graph of resources - that is, a coherent set of resources that form a graph by following references. The Graph Definition resource defines a set and makes rules about the set.

- id (optional)
  String A sequence of Unicode characters

- extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- modifierExtension (optional)
  array[Extension]
  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- path (optional)
  String A sequence of Unicode characters

- sliceName (optional)
  String A sequence of Unicode characters

GraphDefinition_Target -

A formal computable definition of a graph of resources - that is, a coherent set of resources that form a graph by following references. The Graph Definition resource defines a set and makes rules about the set.

- target (optional)
  array[GraphDefinition_Target] Potential target for the link.
id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

type (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there
  is no whitespace other than single spaces in the contents

  _type (optional)

params (optional)
  String A sequence of Unicode characters

  _params (optional)

profile (optional)
  String A URI that is a reference to a canonical URL on a FHIR resource

compartent (optional)
  array[GraphDefinition_Compartment] Compartment Consistency Rules.

link (optional)
  array[GraphDefinition_Link] Additional links from target resource.

Group -

Represents a defined collection of entities that may be discussed or acted upon collectively but which are not expected to
act collectively, and are not formally or legally recognized; i.e. a collection of entities that isn't an Organization.

resourceType
  oas_any_type_not_mapped This is a Group resource

id (optional)
  String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This
  might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
  constraints.) Ids are case-insensitive.

meta (optional)
  Meta

implicitRules (optional)
  String string of characters used to identify a name or a resource

  _implicitRules (optional)

  language (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there
  is no whitespace other than single spaces in the contents

  _language (optional)
These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

A unique business identifier for this group.

Value of “true” or “false”

Identifies the broad classification of the kind of resources the group includes.

Enum:

- person
- animal
- practitioner
- device
- medication
- substance

Identifies the kind of resources the group includes.

Value of “true” or “false”

A sequence of Unicode characters

A reference to the entity that manages the resources in this group.

An integer with a value that is not negative (e.g. >= 0)
characteristic (optional)
array[Group_Characteristic] Identifies traits whose presence or absence is shared by members of the group.

member (optional)
array[Group_Member] Identifies the resource instances that are members of the group.

Group_Characteristic -

Represents a defined collection of entities that may be discussed or acted upon collectively but which are not expected to act collectively, and are not formally or legally recognized; i.e. a collection of entities that isn't an Organization.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code
CodeableConcept

valueCodeableConcept (optional)
CodeableConcept

valueBoolean (optional)
Boolean The value of the trait that holds (or does not hold - see 'exclude') for members of the group.

_valueBoolean (optional)
Element

valueQuantity (optional)
Quantity

c_valueQuantity (optional)

valueRange (optional)
Range

c_valueRange (optional)

valueReference (optional)
Reference

c_valueReference (optional)

exclude (optional)
Boolean Value of ‘true’ or “false”

_exclude (optional)
Element

c_exclude (optional)

period (optional)
Period

c_period (optional)

Group_Member -

Represents a defined collection of entities that may be discussed or acted upon collectively but which are not expected to act collectively, and are not formally or legally recognized; i.e. a collection of entities that isn't an Organization.

id (optional)
String A sequence of Unicode characters
extension (optional)

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type

Reference

period (optional)

Period

inactive (optional)

Boolean Value of "true" or "false"

__inactive (optional)

Element

GuidanceResponse -

A guidance response is the formal response to a guidance request, including any output parameters returned by the evaluation, as well as the description of any proposed actions to be taken.

resourceType

oas_any_type_not_mapped This is a GuidanceResponse resource

id (optional)

String Any combination of letters, numerals, “-” and “.” with a length limit of 64 characters. (This might be an integer, an unprefix UID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

__implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

__language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource
and that modifies the understanding of the element that contains it and/or the understanding of the
containing element's descendants. Usually modifier elements provide negation or qualification. To
make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications
processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

requestIdentifier (optional)
Identifier

identifier (optional)
array[Identifier] Allows a service to provide unique, business identifiers for the response.

moduleUri (optional)
String An identifier, CodeableConcept or canonical reference to the guidance that was requested.

_moduleUri (optional)
Element

moduleCanonical (optional)
String An identifier, CodeableConcept or canonical reference to the guidance that was requested.

_moduleCanonical (optional)
Element

moduleCodeableConcept (optional)
CodeableConcept

status (optional)
String The status of the response. If the evaluation is completed successfully, the status will indicate
success. However, in order to complete the evaluation, the engine may require more information. In
this case, the status will be data-required, and the response will contain a description of the additional
required information. If the evaluation completed successfully, but the engine determines that a
potentially more accurate response could be provided if more data was available, the status will be
data-requested, and the response will contain a description of the additional requested information.

Enum:
success
data-requested
data-required
in-progress
failure
entered-in-error

_status (optional)
Element

subject (optional)
Reference

encounter (optional)
Reference

occurrenceDateTime (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

_occurrenceDateTime (optional)
Element

performer (optional)
Reference
reasonCode (optional)
array[CodeableConcept] Describes the reason for the guidance response in coded or textual form.

reasonReference (optional)
array[Reference] Indicates the reason the request was initiated. This is typically provided as a parameter to the evaluation and echoed by the service, although for some use cases, such as subscription- or event-based scenarios, it may provide an indication of the cause for the response.

note (optional)
array[Annotation] Provides a mechanism to communicate additional information about the response.

evaluationMessage (optional)
array[Reference] Messages resulting from the evaluation of the artifact or artifacts. As part of evaluating the request, the engine may produce informational or warning messages. These messages will be provided by this element.

outputParameters (optional)
Reference

dataRequirement (optional)
array[DataRequirement] If the evaluation could not be completed due to lack of information, or additional information would potentially result in a more accurate response, this element will a description of the data required in order to proceed with the evaluation. A subsequent request to the service should include this data.

HealthcareService -

The details of a healthcare service available at a location.

resourceType oas_any_type_not_mapped This is a HealthcareService resource

id (optional)
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] External identifiers for this item.

active (optional)
boolean Value of "true" or "false"

_active (optional)
Element

providedBy (optional)
Reference

category (optional)
array[CodeableConcept] Identifies the broad category of service being performed or delivered.

type (optional)
array[CodeableConcept] The specific type of service that may be delivered or performed.

specialty (optional)
array[CodeableConcept] Collection of specialties handled by the service site. This is more of a medical term.

location (optional)
array[Reference] The location(s) where this healthcare service may be provided.

name (optional)
String A sequence of Unicode characters

_name (optional)
Element

comment (optional)
String A sequence of Unicode characters

_comment (optional)
Element

extraDetails (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_extraDetails (optional)
Element

photo (optional)
Attachment

telecom (optional)
array[ContactPoint] List of contacts related to this specific healthcare service.

coverageArea (optional)
array[Reference] The location(s) that this service is available to (not where the service is provided).

serviceProvisionCode (optional)
array[CodeableConcept] The code(s) that detail the conditions under which the healthcare service is available/offered.

eligibility (optional)
array[HealthcareService_Eligibility] Does this service have specific eligibility requirements that need to be met in order to use the service?

program (optional)
array[CodeableConcept] Programs that this service is applicable to.

characteristic (optional)
array[CodeableConcept] Collection of characteristics (attributes).
communication (optional)
array[CodeableConcept] Some services are specifically made available in multiple languages, this property permits a directory to declare the languages this is offered in. Typically this is only provided where a service operates in communities with mixed languages used.

referralMethod (optional)
array[CodeableConcept] Ways that the service accepts referrals, if this is not provided then it is implied that no referral is required.
appointmentRequired (optional)
Boolean Value of “true” or “false”

availableTime (optional)
array[HealthcareService_AvailableTime] A collection of times that the Service Site is available.
notAvailable (optional)
array[HealthcareService_NotAvailable] The HealthcareService is not available during this period of time due to the provided reason.
availabilityExceptions (optional)
String A sequence of Unicode characters

endpoint (optional)
array[Reference] Technical endpoints providing access to services operated for the specific healthcare services defined at this resource.

HealthcareService_AvailableTime -

The details of a healthcare service available at a location.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

daysOfWeek (optional)
array[String] Indicates which days of the week are available between the start and end Times.

_allDay (optional)
Boolean Value of “true” or “false”

availableStartTime (optional)
**string** A time during the day, with no date specified

AvailableStart Time (optional)

Element

AvailableEnd Time (optional)

String A time during the day, with no date specified

Available End Time (optional)

Element

HealthcareService_Eligibility -

The details of a healthcare service available at a location.

- **id (optional)**
  - String A sequence of Unicode characters

- **extension (optional)**
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

- **code (optional)**
  - CodeableConcept

- **comment (optional)**
  - String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

- **_comment (optional)**
  - Element

HealthcareService_NotAvailable -

The details of a healthcare service available at a location.

- **id (optional)**
  - String A sequence of Unicode characters

- **extension (optional)**
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
**HumanName** -

A human's name with the ability to identify parts and usage.

- **id (optional)**
  - *String*A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **use (optional)**
  - *String* Identifies the purpose for this name.
    - **Enum:**
      - usual
      - official
      - temp
      - nickname
      - anonymous
      - old
      - maiden

- **_use (optional)**
  - *Element*

- **text (optional)**
  - *String*A sequence of Unicode characters

- **_text (optional)**
  - *Element*

- **family (optional)**
  - *String*A sequence of Unicode characters

- **_family (optional)**
  - *Element*

- **given (optional)**
  - *array[String]* Given name.

- **_given (optional)**
  - *array[Element]* Extensions for given

- **prefix (optional)**
  - *array[String]* Part of the name that is acquired as a title due to academic, legal, employment or nobility status, etc. and that appears at the start of the name.

- **_prefix (optional)**
  - *array[Element]* Extensions for prefix

- **suffix (optional)**
  - *array[String]* Part of the name that is acquired as a title due to academic, legal, employment or nobility status, etc. and that appears at the end of the name.

- **_suffix (optional)**
  - *array[Element]* Extensions for suffix

- **period (optional)**
  - *Period*
An identifier - identifies some entity uniquely and unambiguously. Typically this is used for business identifiers.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **use (optional)**
  - *String* The purpose of this identifier.
    - Enum:
      - `usual`
      - `official`
      - `temp`
      - `secondary`
      - `old`

- **system (optional)**
  - *CodeableConcept* String of characters used to identify a name or a resource

- **value (optional)**
  - *String* A sequence of Unicode characters

ImagingStudy -

Representation of the content produced in a DICOM imaging study. A study comprises a set of series, each of which includes a set of Service-Object Pair Instances (SOP Instances - images or other data) acquired or produced in a common context. A series is of only one modality (e.g. X-ray, CT, MR, ultrasound), but a study may have multiple series of different modalities.

- **resourceType**
  - *oas_any_type_not_mapped* This is a ImagingStudy resource

- **id (optional)**
  - *String* Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.)Ids are case-insensitive.

- **meta (optional)**
  - *Meta* String of characters used to identify a name or a resource

- **implicitRules (optional)**
  - *String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
text (optional)

Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendents. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] Identifiers for the ImagingStudy such as DICOM Study Instance UID, and Accession Number.

status (optional)
String The current state of the ImagingStudy.

 Enum:
   registered
   available
   cancelled
   entered-in-error
   unknown

_status (optional)
Element

modality (optional)
array[Coding] A list of all the series.modality values that are actual acquisition modalities, i.e. those in the DICOM Context Group 29 (Value set UID 1.2.840.10008.6.1.19).

subject
Reference

encounter (optional)
Reference

started (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_started (optional)
Element

basedOn (optional)
array[Reference] A list of the diagnostic requests that resulted in this imaging study being performed.

referrer (optional)
Reference

interpreter (optional)
array[Reference] Who read the study and interpreted the images or other content.
endpoint (optional)
array[Reference] The network service providing access (e.g., query, view, or retrieval) for the study. See implementation notes for information about using DICOM endpoints. A study-level endpoint applies to each series in the study, unless overridden by a series-level endpoint with the same Endpoint.connectionType.

numberOfSeries (optional)
BigDecimal An integer with a value that is not negative (e.g. >= 0)

_numberOfSeries (optional)
Element

numberOfInstances (optional)
BigDecimal An integer with a value that is not negative (e.g. >= 0)

_numberOfInstances (optional)
Element

procedureReference (optional)
Reference

procedureCode (optional)
array[CodeableConcept] The code for the performed procedure type.

location (optional)
Reference

reasonCode (optional)
array[CodeableConcept] Description of clinical condition indicating why the ImagingStudy was requested.

reasonReference (optional)
array[Reference] Indicates another resource whose existence justifies this Study.

note (optional)
array[Annotation] Per the recommended DICOM mapping, this element is derived from the Study Description attribute (0008,1030). Observations or findings about the imaging study should be recorded in another resource, e.g. Observation, and not in this element.

description (optional)
String A sequence of Unicode characters

series (optional)
array[ImagingStudy_Series] Each study has one or more series of images or other content.

ImagingStudy_Instance -

Representation of the content produced in a DICOM imaging study. A study comprises a set of series, each of which includes a set of Service-Object Pair Instances (SOP Instances - images or other data) acquired or produced in a common context. A series is of only one modality (e.g. X-ray, CT, MR, ultrasound), but a study may have multiple series of different modalities.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**uid (optional)**

*String* Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Uds are case-insensitive.

**_uid (optional)**

*Element*

**sopClass**

*Coding*

**number (optional)**

*BigDecimal* An integer with a value that is not negative (e.g. \( \geq 0 \))

**_number (optional)**

*Element*

**title (optional)**

*String* A sequence of Unicode characters

**_title (optional)**

*Element*

---

**ImagingStudy_Performer**

Representation of the content produced in a DICOM imaging study. A study comprises a set of series, each of which includes a set of Service-Object Pair Instances (SOP Instances - images or other data) acquired or produced in a common context. A series is of only one modality (e.g. X-ray, CT, MR, ultrasound), but a study may have multiple series of different modalities.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. **modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**function (optional)**

*CodeableConcept*

**actor**

*Reference*

---

**ImagingStudy_Series**

Representation of the content produced in a DICOM imaging study. A study comprises a set of series, each of which includes a set of Service-Object Pair Instances (SOP Instances - images or other data) acquired or produced in a common context. A series is of only one modality (e.g. X-ray, CT, MR, ultrasound), but a study may have multiple series of different modalities.

**id (optional)**

*String* A sequence of Unicode characters
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

uid (optional)
String Any combination of letters, numerals, “-“ and “.”, with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

 uid (optional)
 Element
number (optional)
BigDecimal An integer with a value that is not negative (e.g. >= 0)

 _number (optional)
 Element
modality
 Coding
description (optional)
String A sequence of Unicode characters

description (optional)
 Element
numberOfInstances (optional)
BigDecimal An integer with a value that is not negative (e.g. >= 0)

 _numberOfInstances (optional)
 Element
endpoint (optional)
array[Reference] The network service providing access (e.g., query, view, or retrieval) for this series.
See implementation notes for information about using DICOM endpoints. A series-level endpoint, if
present, has precedence over a study-level endpoint with the same Endpoint.connectionType.

bodySite (optional)
 Coding
laterality (optional)
 Coding
specimen (optional)
array[Reference] The specimen imaged, e.g., for whole slide imaging of a biopsy.

started (optional)
String A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

 _started (optional)
 Element
performer (optional)
array[ImagingStudy_Performer] indicates who or what performed the series and how they were involved.

instance (optional)
array[ImagingStudy_Instance] A single SOP instance within the series, e.g. an image, or presentation state.

**Immunization**

Describes the event of a patient being administered a vaccine or a record of an immunization as reported by a patient, a clinician or another party.

- **resourceType**
  - `oas_any_type_not_mapped` This is an Immunization resource

- **id (optional)**
  - `String` Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta (optional)**
  - `Meta`

- **implicitRules (optional)**
  - `String` String of characters used to identify a name or a resource

- **_implicitRules (optional)**
  - `Element`

- **language (optional)**
  - `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **_language (optional)**
  - `Element`

- **text (optional)**
  - `Narrative`

- **contained (optional)**
  - array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension (optional)**
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **identifier (optional)**
  - array[Identifier] A unique identifier assigned to this immunization record.

- **status (optional)**
  - `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **_status (optional)**
  - `Element`
statusReason (optional)
   CodeableConcept

vaccineCode
   CodeableConcept

patient
   Reference

encounter (optional)
   Reference

currenceDateTime (optional)
   String Date vaccine administered or was to be administered.
   _occurrenceDateTime (optional)
   Element

currenceString (optional)
   String Date vaccine administered or was to be administered.
   _occurrenceString (optional)
   Element

corded (optional)
   String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
   specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
   gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
   zero-filled and may be ignored. Dates SHALL be valid dates.
   _corded (optional)
   Element

primarySource (optional)
   Boolean Value of "true" or "false"
   _primarySource (optional)
   Element

reportOrigin (optional)
   CodeableConcept

location (optional)
   Reference

manufacturer (optional)
   Reference

lotNumber (optional)
   String A sequence of Unicode characters
   _lotNumber (optional)
   Element

expirationDate (optional)
   String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a
   union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.
   _expirationDate (optional)
   Element

site (optional)
   CodeableConcept

route (optional)
   CodeableConcept

doseQuantity (optional)
   Quantity

performer (optional)
   array[Immunization_Performer] Indicates who performed the immunization event.

note (optional)
   array[Annotation] Extra information about the immunization that is not conveyed by the other
   attributes.

reasonCode (optional)
array[CodeableConcept] reasons why the vaccine was administered.

reasonReference (optional)
array[Reference] Condition, Observation or DiagnosticReport that supports why the immunization was administered.

isSubpotent (optional)
Boolean Value of "true" or "false"

isSubpotent (optional)
Element

subpotentReason (optional)
array[CodeableConcept] Reason why a dose is considered to be subpotent.
education (optional)
array[Immunization_Education] Educational material presented to the patient (or guardian) at the time of vaccine administration.
programEligibility (optional)
array[CodeableConcept] Indicates a patient's eligibility for a funding program.

fundingSource (optional)
CodeableConcept
reaction (optional)
array[Immunization_Reaction] Categorical data indicating that an adverse event is associated in time to an immunization.
protocolApplied (optional)
array[Immunization_ProtocolApplied] The protocol (set of recommendations) being followed by the provider who administered the dose.

ImmunizationEvaluation -

Describes a comparison of an immunization event against published recommendations to determine if the administration is "valid" in relation to those recommendations.

resourceType
oas_any_type_not_mapped This is a ImmunizationEvaluation resource

id (optional)
String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] A unique identifier assigned to this immunization evaluation record.

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_patient (optional)
Element

.patient
Reference

date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)
Element

authority (optional)
Reference

_targetDisease
CodeableConcept

_immunizationEvent
Reference

doseStatus
CodeableConcept
doseStatusReason (optional)
array[CodeableConcept] Provides an explanation as to why the vaccine administration event is valid or not relative to the published recommendations.
description (optional)
String A sequence of Unicode characters

description (optional)
Element

series (optional)
String A sequence of Unicode characters

_series (optional)
Element

doseNumberPositiveInt (optional)
BigDecimal Nominal position in a series.

_doseNumberPositiveInt (optional)
Element

doseNumberString (optional)
String Nominal position in a series.

_doseNumberString (optional)
Element
seriesDosesPositiveInt (optional)  
BigDecimal  The recommended number of doses to achieve immunity.

seriesDosesPositiveInt (optional)  
Element

seriesDosesString (optional)  
String  The recommended number of doses to achieve immunity.

seriesDosesString (optional)  
Element

ImmunizationRecommendation -

A patient's point-in-time set of recommendations (i.e. forecasting) according to a published schedule with optional supporting justification.

resourceType  
oas_any_type_not_mapped  This is a ImmunizationRecommendation resource

id (optional)  
String  Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)  
Meta

implicitRules (optional)  
String  String of characters used to identify a name or a resource

_text (optional)  
Narrative

contained (optional)  
array[ResourceList]  These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction'scope.

extension (optional)  
array[Extension]  May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
array[Extension]  May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)  
array[Identifier]  A unique identifier assigned to this particular recommendation record.

patient


**Immunization_recommendation_DateCriterion** - A patient's point-in-time set of recommendations (i.e. forecasting) according to a published schedule with optional supporting justification.

- **id (optional)**
  - String A sequence of Unicode characters

- **extension (optional)**
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

- **code**
  - CodeableConcept

- **value (optional)**
  - String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

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**Immunization_recommendation** - A patient's point-in-time set of recommendations (i.e. forecasting) according to a published schedule with optional supporting justification.

- **id (optional)**
  - String A sequence of Unicode characters

- **extension (optional)**
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

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**reference**

- **date (optional)**
  - String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

equivalentImmunization (optional)

array[Reference]

Immunization event history and/or evaluation that supports the status and recommendation.
supportingPatientInformation (optional)

array[Reference] Patient Information that supports the status and recommendation. This includes patient observations, adverse reactions and allergy/intolerance information.

Immunization_Education -

Describes the event of a patient being administered a vaccine or a record of an immunization as reported by a patient, a clinician or another party.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

documentType (optional)
String A sequence of Unicode characters

_documentType (optional)
Element

reference (optional)
String String of characters used to identify a name or a resource

_reference (optional)
Element

publicationDate (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_publicationDate (optional)
Element

presentationDate (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_presentationDate (optional)
Element

Immunization_Performer -

Describes the event of a patient being administered a vaccine or a record of an immunization as reported by a patient, a clinician or another party.

id (optional)
String A sequence of Unicode characters

extension (optional)
_arrayExtension_ may be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

_arrayExtension_ May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

**function (optional)**

_CodableConcept_

**actor**

_Reference_

**Immunization_ProtocolApplied**

Describes the event of a patient being administered a vaccine or a record of an immunization as reported by a patient, a
clinician or another party.

**id (optional)**

_**String**_ A sequence of Unicode characters

**extension (optional)**

_arrayExtension_ May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

_arrayExtension_ May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

**series (optional)**

_**String**_ A sequence of Unicode characters

**_series_ (optional)** Element

**authority (optional)**

_Reference_

**targetDisease (optional)**

_array[**CodeableConcept**]** The vaccine preventable disease the dose is being administered against.

**doseNumberPositiveInt (optional)**

_**BigDecimal**_ Nominal position in a series.

**_doseNumberPositiveInt_ (optional)** Element

**doseNumberString (optional)**
Immunization_Reaction -

Describes the event of a patient being administered a vaccine or a record of an immunization as reported by a patient, a clinician or another party.

id (optional)

*String* A sequence of Unicode characters

extension (optional)

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

date (optional)

*String* A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

detail (optional)

*Reference*

reported (optional)

*Boolean* Value of "true" or "false"

ImplementationGuide -

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

resourceType

*oas_any_type_not_mapped* This is a ImplementationGuide resource
id (optional)
   String  Any combination of letters, numerals, ",", and ".", with a length limit of 64 characters. (This
   might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
   constraints.) Ids are case-insensitive.

meta (optional)
   Meta

implicitRules (optional)
   String  String of characters used to identify a name or a resource

_language (optional)
   Element

language (optional)
   String  A string which has at least one character and no leading or trailing whitespace and where there
   is no whitespace other than single spaces in the contents

_title (optional)
   Element

text (optional)
   Narrative

contained (optional)
   array[ResourceList]  These resources do not have an independent existence apart from the resource
   that contains them - they cannot be identified independently, and nor can they have their own
   independent transaction scope.

extension (optional)
   array[Extension]  May be used to represent additional information that is not part of the basic
   definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
   governance applied to the definition and use of extensions. Though any implementer can define an
   extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

_modifierExtension (optional)
   array[Extension]

   May be used to represent additional information that is not part of the basic definition of the resource
   and that modifies the understanding of the element that contains it and/or the understanding of the
   containing element's descendants. Usually modifier elements provide negation or qualification. To
   make the use of extensions safe and manageable, there is a strict set of governance applied to the
   definition and use of extensions. Though any implementer is allowed to define an extension, there is a
   set of requirements that SHALL be met as part of the definition of the extension. Applications
   processing a resource are required to check for modifier extensions.

   Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
   (including cannot change the meaning of modifierExtension itself).

_url (optional)
   String  String of characters used to identify a name or a resource

   _url (optional)
   Element

version (optional)
   String  A sequence of Unicode characters

   _version (optional)
   Element

name (optional)
   String  A sequence of Unicode characters

   _name (optional)
   Element

title (optional)
   String  A sequence of Unicode characters

   _title (optional)
   Element

status (optional)
   String  The status of this implementation guide. Enables tracking the life-cycle of the content.
status (optional)

Element

experimental (optional)

Boolean Value of "true" or "false"

experimental (optional)

Element

date (optional)

String A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

date (optional)

Element

publisher (optional)

String A sequence of Unicode characters

_publisher (optional)

Element

contact (optional)

array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)

Element

useContext (optional)

array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate implementation guide instances.

jurisdiction (optional)

array[CodeableConcept] A legal or geographic region in which the implementation guide is intended to be used.

copyright (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_copyright (optional)

Element

packageId (optional)

String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_packageId (optional)

Element

license (optional)

String The license that applies to this Implementation Guide, using an SPDX license code, or 'not-open-source'.

Enum:

  not-open-source
  BSD
  AAL
  Abstyles
  Adobe-2006
  Adobe-Glyph
**license (optional)**
*Element*

**fhirVersion (optional)**
*array[String]* The version(s) of the FHIR specification that this ImplementationGuide targets - e.g. describes how to use. The value of this element is the formal version of the specification, without the revision number, e.g. [publication].[major].[minor], which is 4.0.1. for this version.

Enum:
- _fhirVersion (optional)
  *array[Element]* Extensions for fhirVersion

**dependsOn (optional)**
*array[ImplementationGuide DependsOn]* Another implementation guide that this implementation depends on. Typically, an implementation guide uses value sets, profiles etc. defined in other implementation guides.

**global (optional)**
*array[ImplementationGuide Global]* A set of profiles that all resources covered by this implementation guide must conform to.

**definition (optional)**
*ImplementationGuide Definition*

**manifest (optional)**
*ImplementationGuide Manifest*

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**ImplementationGuide Definition**

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

**id (optional)**
*String* A sequence of Unicode characters

**extension (optional)**
*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**
*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including, and not changing the meaning of modifierExtension itself).

**grouping (optional)**
*array[ImplementationGuide Grouping]* A logical group of resources. Logical groups can be used when building pages.

**resource**
*array[ImplementationGuide Resource]* A resource that is part of the implementation guide.

Conformance resources (value set, structure definition, capability statements etc.) are obvious candidates for inclusion, but any kind of resource can be included as an example resource.

**page (optional)**
*ImplementationGuide Page*

**parameter (optional)**
*array[ImplementationGuide Parameter]* Defines how IG is built by tools.

**template (optional)**
ImplementationGuide_DependsOn -

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**uri**

*String* A URI that is a reference to a canonical URL on a FHIR resource

**packageId (optional)**

*String* Any combination of letters, numerals, "-" and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**_packageId (optional)**

*Element*

**version (optional)**

*String* A sequence of Unicode characters

**_version (optional)**

*Element*

ImplementationGuide_Global -

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**type (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**profile**

*String* A URI that is a reference to a canonical URL on a FHIR resource

**ImplementationGuide_Grouping**

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**name (optional)**

*String* A sequence of Unicode characters

**description (optional)**

*String* A sequence of Unicode characters

**ImplementationGuide_Manifest**

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

rendering (optional)
string A URI that is a literal reference

_rendering (optional)
Element

resource
array[ImplementationGuide_Resource1] A resource that is part of the implementation guide. Conformance resources (value set, structure definition, capability statements etc.) are obvious candidates for inclusion, but any kind of resource can be included as an example resource.

page (optional)
array[ImplementationGuide_Page1] Information about a page within the IG.

_image (optional)
array[String] Indicates a relative path to an image that exists within the IG.

_image (optional)
array[Element] Extensions for image

other (optional)
array[String] Indicates the relative path of an additional non-page, non-image file that is part of the IG - e.g. zip, jar and similar files that could be the target of a hyperlink in a derived IG.

_other (optional)
array[Element] Extensions for other

ImplementationGuide_Page -

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

id (optional)
string A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

nameUrl (optional)
A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)

String A sequence of Unicode characters

anchor (optional)

array[String] The name of an anchor available on the page.
ImplementationGuide_Parameter -

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

id (optional)

String A sequence of Unicode characters

extension (optional)

Array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

Array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)


Enum:

apply
path-resource
path-pages
path-tx-cache
expansion-parameter
rule-broken-links
generate-xml
generate-json
generate-turtle
html-template

code (optional)

Element

value (optional)

String A sequence of Unicode characters

_value (optional)

Element

ImplementationGuide_Resource -

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

id (optional)

String A sequence of Unicode characters

extension (optional)

Array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

reference

Reference

fhirVersion (optional)

array[String] Indicates the FHIR Version(s) this artifact is intended to apply to. If no versions are specified, the resource is assumed to apply to all the versions stated in ImplementationGuide.fhirVersion.

Enum:

_fhirVersion (optional)

array[Element] Extensions for fhirVersion

name (optional)

String A sequence of Unicode characters

_name (optional)

Element
description (optional)

String A sequence of Unicode characters

_description (optional)

Element

e.exampleBoolean (optional)

Boolean If true or a reference, indicates the resource is an example instance. If a reference is present, indicates that the example is an example of the specified profile.

_e.exampleBoolean (optional)

Element
e.exampleCanonical (optional)

String If true or a reference, indicates the resource is an example instance. If a reference is present, indicates that the example is an example of the specified profile.

_e.exampleCanonical (optional)

Element
groupingId (optional)

String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_groupingId (optional)

Element

ImplementationGuide_Resource1 - 

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

id (optional)

String A sequence of Unicode characters
e.extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**reference**

*Reference*

**exampleBoolean (optional)**

*Boolean* If true or a reference, indicates the resource is an example instance. If a reference is present, indicates that the example is an example of the specified profile.

**_exampleBoolean (optional)**

*Element*

**exampleCanonical (optional)**

*String* If true or a reference, indicates the resource is an example instance. If a reference is present, indicates that the example is an example of the specified profile.

**_exampleCanonical (optional)**

*Element*

**relativePath (optional)**

*String* A URI that is a literal reference

**_relativePath (optional)**

*Element*

---

**ImplementationGuide_Template**

A set of rules of how a particular interoperability or standards problem is solved - typically through the use of FHIR resources. This resource is used to gather all the parts of an implementation guide into a logical whole and to publish a computable definition of all the parts.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**code (optional)**
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

code (optional) Element

source (optional) String A sequence of Unicode characters

code (optional) Element

scope (optional) String A sequence of Unicode characters

scope (optional) Element (optional)

InsurancePlan -
Details of a Health Insurance product/plan provided by an organization.

resourceType oas_any_type_not_mapped This is a InsurancePlan resource

id (optional) String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional) Meta

implicitRules (optional) String String of characters used to identify a name or a resource

language (optional) String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

language (optional) Element

text (optional) Narrative

contained (optional) array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional) array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional) array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
identifier (optional)

array[Identifier] Business identifiers assigned to this health insurance product which remain constant as the resource is updated and propagates from server to server.

status (optional)

String The current state of the health insurance product.

Enum:

draft
active
retired
unknown

_status (optional)

Element
type (optional)

array[CodeableConcept] The kind of health insurance product.

name (optional)

String A sequence of Unicode characters

_name (optional)

Element (optional)

alias (optional)

array[String] A list of alternate names that the product is known as, or was known as in the past.

_alias (optional)

array[Element] Extensions for alias

period (optional)

Period

ownedBy (optional)

Reference

administeredBy (optional)

Reference

coverageArea (optional)

array[Reference] The geographic region in which a health insurance product's benefits apply.

contact (optional)

array[InsurancePlan_Contact] The contact for the health insurance product for a certain purpose.

department (optional)

array[Reference] The technical endpoints providing access to services operated for the health insurance product.

network (optional)

array[Reference] Reference to the network included in the health insurance product.

coverage (optional)

array[InsurancePlan_Coverage] Details about the coverage offered by the insurance product.

plan (optional)

array[InsurancePlan_Plan] Details about an insurance plan.

InsurancePlan_Benefit -

Details of a Health Insurance product/plan provided by an organization.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type
  CodeableConcept

requirement (optional)
  String A sequence of Unicode characters

_requirement (optional)
  Element

limit (optional)
  array[InsurancePlan_Limit] The specific limits on the benefit.

InsurancePlan_Benefit1 -
Details of a Health Insurance product/plan provided by an organization.

  id (optional)
    String A sequence of Unicode characters
  extension (optional)
    array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

  modifierExtension (optional)
    array[Extension]

    May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

    type
      CodeableConcept

    cost (optional)
      array[InsurancePlan_Cost] List of the costs associated with a specific benefit.

InsurancePlan_Contact -
Details of a Health Insurance product/plan provided by an organization.

  id (optional)
    String A sequence of Unicode characters
  extension (optional)
    array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

  modifierExtension (optional)
    array[Extension]
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**purpose (optional)**

`CodeableConcept`

**name (optional)**

`HumanName`

**telecom (optional)**

`array[ContactPoint]` A contact detail (e.g. a telephone number or an email address) by which the party may be contacted.

**address (optional)**

`Address`

**InsurancePlan_Cost -**

Details of a Health Insurance product/plan provided by an organization.

**id (optional)**

`String` A sequence of Unicode characters

**extension (optional)**

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

**modifierExtension (optional)**

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**type**

`CodeableConcept`

**applicability (optional)**

`CodeableConcept`

**qualifiers (optional)**

`array[CodeableConcept]` Additional information about the cost, such as information about funding sources (e.g. HSA, HRA, FSA, RRA).

**value (optional)**

`Quantity` -

**InsurancePlan_Coverage -**

Details of a Health Insurance product/plan provided by an organization.

**id (optional)**

`String` A sequence of Unicode characters
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

type

CodeableConcept

network (optional)

array[Reference] Reference to the network that providing the type of coverage.

benefit

array[InsurancePlan_Benefit] Specific benefits under this type of coverage.

InsurancePlan_GeneralCost -

Details of a Health Insurance product/plan provided by an organization.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

type (optional)

CodeableConcept

groupSize (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_groupSize (optional)

Element

cost (optional)

Money

comment (optional)

String A sequence of Unicode characters
InsurancePlan_Limit

Details of a Health Insurance product/plan provided by an organization.

id (optional)
  String  A sequence of Unicode characters

extension (optional)
  array[Extension]  May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

value (optional)
  Quantity

code (optional)
  CodeableConcept

InsurancePlan_Plan

Details of a Health Insurance product/plan provided by an organization.

id (optional)
  String  A sequence of Unicode characters

extension (optional)
  array[Extension]  May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

identifier (optional)
  array[Identifier]  Business identifiers assigned to this health insurance plan which remain constant as
the resource is updated and propagates from server to server.

type (optional)
  CodeableConcept

https://10.2.41/api-doc/
coverageArea (optional)  
array[Reference] The geographic region in which a health insurance plan's benefits apply.

network (optional)  
array[Reference] Reference to the network that providing the type of coverage.

generalCost (optional)  
array[InsurancePlan_GeneralCost] Overall costs associated with the plan.

specificCost (optional)  
array[InsurancePlan_SpecificCost] Costs associated with the coverage provided by the product.

InsurancePlan_SpecificCost -
Details of a Health Insurance product/plan provided by an organization.
id (optional)  
String A sequence of Unicode characters

extension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
array[Extension]  
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

category  
CodeableConcept

benefit (optional)  
array[InsurancePlan_Benefit1] List of the specific benefits under this category of benefit.

Invoice -
Invoice containing collected Chargeltems from an Account with calculated individual and total price for Billing purpose.

resourceType  
oas_any_type_not_mapped This is a Invoice resource

id (optional)  
String Any combination of letters, numerals, "." and "," with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)  
Meta

implicitRules (optional)  
String String of characters used to identify a name or a resource

_language (optional)  
Element

language (optional)  
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)  
Element
text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] Identifier of this Invoice, often used for reference in correspondence about this invoice or for tracking of payments.

status (optional)
String The current state of the Invoice.
Enum:
draft
issued
balanced
cancelled
entered-in-error

_status (optional)
Element
cancelledReason (optional)
String A sequence of Unicode characters

cancelledReason (optional)
Element
type (optional)
CodeableConcept

subject (optional)
Reference

recipient (optional)
Reference

date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

date (optional)
Element

participant (optional)
array[Invoice_Participant] indicates who or what performed or participated in the charged service.

issuer (optional)
Reference
account (optional)
   Reference

lineItem (optional)
   array[Invoice_LineItem] Each line item represents one charge for goods and services rendered. Details such as date, code and amount are found in the referenced ChargeItem resource.

totalPriceComponent (optional)
   array[Invoice_PriceComponent] The total amount for the invoice may be calculated as the sum of the line items with surcharges/deductions that apply in certain conditions. The priceComponent element can be used to offer transparency to the recipient of the invoice of how the total price was calculated.

totalNet (optional)
   Money

totalGross (optional)
   Money

paymentTerms (optional)
   String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

   _paymentTerms (optional) Element

   note (optional)
   array[Annotation] Comments made about the invoice by the issuer, subject, or other participants.

Invoice_LineItem -

Invoice containing collected ChargeItems from an Account with calculated individual and total price for Billing purpose.

   id (optional)
   String A sequence of Unicode characters

   extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   modifierExtension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

   Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

   sequence (optional)
   BigDecimal An integer with a value that is positive (e.g. >0)

   _sequence (optional) Element

   chargeItemReference (optional)
   Reference

   chargeItemCodeableConcept (optional)
   CodeableConcept

   priceComponent (optional)
   array[Invoice_PriceComponent] The price for a ChargeItem may be calculated as a base price with surcharges/deductions that apply in certain conditions. A ChargeItemDefinition resource that defines the prices, factors and conditions that apply to a billing code is currently under development. The
priceComponent element can be used to offer transparency to the recipient of the invoice as to how the prices have been calculated.

**Invoice_Participant** -
Invoice containing collected ChargeItems from an Account with calculated individual and total price for Billing purpose.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - *array[Extension]*

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **role (optional)**
  - *CodeableConcept*

- **actor**
  - *Reference*

**Invoice_PriceComponent** -
Invoice containing collected ChargeItems from an Account with calculated individual and total price for Billing purpose.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]*

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **type (optional)**
  - *String* This code identifies the type of the component.

    Enum:
    - *base*
    - *surcharge*
    - *deduction*
discount
tax
 informational
 _type (optional)
 *Element*

code (optional)
 *CodeableConcept*

factor (optional)
 *BigDecimal* A rational number with implicit precision

 _factor (optional)
 *Element*

amount (optional)
 *Money*

Library -

The Library resource is a general-purpose container for knowledge asset definitions. It can be used to describe and expose existing knowledge assets such as logic libraries and information model descriptions, as well as to describe a collection of knowledge assets.

resourceType
 *oas_any_type_not_mapped* This is a Library resource

id (optional)
 *String* Any combination of letters, numerals, ",-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
 *Meta*

_implicitRules (optional)
 *String* String of characters used to identify a name or a resource

_language (optional)
 *String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)
 *Narrative*

contained (optional)
 *array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
 *array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
 *array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
url (optional)  
String String of characters used to identify a name or a resource

_url (optional)  
Element

identifier (optional)  
array[Identifier] A formal identifier that is used to identify this library when it is represented in other formats, or referenced in a specification, model, design or an instance. e.g. CMS or NQF identifiers for a measure artifact. Note that at least one identifier is required for non-experimental active artifacts.

version (optional)  
String A sequence of Unicode characters

_version (optional)  
Element

title (optional)  
String A sequence of Unicode characters

_name (optional)  
Element

subtitle (optional)  
String A sequence of Unicode characters

_subtitle (optional)  
Element

status (optional)  
String The status of this library. Enables tracking the life-cycle of the content.

Enum:
- draft
- active
- retired
- unknown

experimental (optional)  
Boolean Value of "true" or "false"

__experimental (optional)  
Element

subjectCodeableConcept (optional)  
CodeableConcept

subjectReference (optional)  
Reference

date (optional)  
String A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

__date (optional)  
Element

publisher (optional)  
String A sequence of Unicode characters

__publisher (optional)
contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.
description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_useDescription (optional)
Element

useContext (optional)
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate library instances.
jurisdiction (optional)
array[CodeableConcept] A legal or geographic region in which the library is intended to be used.
purpose (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_purpose (optional)
Element

usage (optional)
String A sequence of Unicode characters

_usage (optional)
Element

copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_copyright (optional)
Element

approvalDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_approvalDate (optional)
Element

lastReviewDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_lastReviewDate (optional)
Element

effectivePeriod (optional)
Period

topic (optional)
array[CodeableConcept] Descriptive topics related to the content of the library. Topics provide a high-level categorization of the library that can be useful for filtering and searching.

author (optional)
array[ContactDetail] An individual or organization primarily involved in the creation and maintenance of the content.
editor (optional)
array[ContactDetail] An individual or organization primarily responsible for internal coherence of the content.
reviewer (optional)
array[ContactDetail] An individual or organization primarily responsible for review of some aspect of the content.
endorser (optional)
array[ContactDetail] An individual or organization responsible for officially endorsing the content for use in some setting.
relatedArtifact (optional)
array[RelatedArtifact] Related artifacts such as additional documentation, justification, or bibliographic references.

parameter (optional)
array[ParameterDefinition] The parameter element defines parameters used by the library.

dataRequirement (optional)
array[DataRequirement] Describes a set of data that must be provided in order to be able to successfully perform the computations defined by the library.

content (optional)
array[Attachment] The content of the library as an Attachment. The content may be a reference to a url, or may be directly embedded as a base-64 string. Either way, the content type of the attachment determines how to interpret the content.

Linkage -

Identifies two or more records (resource instances) that refer to the same real-world "occurrence".

resourceType
oas any_type not_mapped This is a Linkage resource

id (optional)
String Any combination of letters, numerals, ",", and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
active (optional)
  Boolean Value of “true” or “false”

author (optional)
  Reference

item
  array[Linkage_Item] Identifies which record considered as the reference to the same real-world occurrence as well as how the items should be evaluated within the collection of linked items.

Linkage_Item -
Identifies two or more records (resource instances) that refer to the same real-world "occurrence".

id (optional)
  String A sequence of Unicode characters
extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]
  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
  String Distinguishes which item is "source of truth" (if any) and which items are no longer considered to be current representations.
    Enum:
      source
      alternate
      historical

_type (optional)
  Element
  resource
    Reference

List -
A list is a curated collection of resources.

resourceType
  oas_any_type_not_mapped This is a List resource

id (optional)
  String Any combination of letters, numerals, “-“ and “.“, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
  Meta

implicitRules (optional)
  String String of characters used to identify a name or a resource
_implicitRules (optional)

*Element*

_language (optional)_

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)_

*Element*

text (optional)

*Narrative*

contained (optional)

*array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

*array[Identifier]* Identifier for the List assigned for business purposes outside the context of FHIR.

status (optional)

*String* Indicates the current state of this list.

Enum:
- current
- retired
- entered-in-error

_status (optional)_

*Element*

mode (optional)

*String* How this list was prepared - whether it is a working list that is suitable for being maintained on an ongoing basis, or if it represents a snapshot of a list of items from another source, or whether it is a prepared list where items may be marked as added, modified or deleted.

Enum:
- working
- snapshot
- changes

_mode (optional)_

*Element*

title (optional)

*String* A sequence of Unicode characters

_title (optional)_

*Element*

code (optional)

*CodeableConcept*

subject (optional)
Reference

equipment (optional)
  Reference
date (optional)
  String  A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
  specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
  gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
  zero-filled and may be ignored. Dates SHALL be valid dates.

  _date (optional)
  Element
source (optional)
  Reference
orderedBy (optional)
  CodeableConcept
note (optional)
  array[Annotation]  Comments that apply to the overall list.
entry (optional)
  array[List_Entry]  Entries in this list.
emptyReason (optional)
  CodeableConcept

List_Entry -

A list is a curated collection of resources.

  id (optional)
  String  A sequence of Unicode characters
extension (optional)
  array[Extension]  May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
  governance applied to the definition and use of extensions. Though any implementer can define an
  extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
  array[Extension]  May be used to represent additional information that is not part of the basic
definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding
  of the containing element's descendants. Usually modifier elements provide negation or qualification.
  To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
  requirements that SHALL be met as part of the definition of the extension. Applications processing
  a resource are required to check for modifier extensions.
  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
  (including cannot change the meaning of modifierExtension itself).

flag (optional)
  CodeableConcept
deleted (optional)
  Boolean  Value of “true” or “false”
  _deleted (optional)
  Element
date (optional)
  String  A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
  specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
  gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
  zero-filled and may be ignored. Dates SHALL be valid dates.
  _date (optional)
  Element
Location -

Details and position information for a physical place where services are provided and resources and participants may be stored, found, contained, or accommodated.

- **resourceType**: oas_any_type_not_mapped This is a Location resource
- **id (optional)**: String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unpreffixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.
- **meta (optional)**: Meta
  - implicitRules (optional): String String of characters used to identify a name or a resource
- **_implicitRules (optional)**: Element
- **language (optional)**: String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
- **_language (optional)**: Element
- **text (optional)**: Narrative
  - contained (optional): array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.
- **extension (optional)**: array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
  - modifierExtension (optional): array[Extension]
    - May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
    - Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
- **identifier (optional)**: array[Identifier] Unique code or number identifying the location to its users.
- **status (optional)**: String The status property covers the general availability of the resource, not the current value which may be covered by the operationStatus, or by a schedule/slots if they are configured for the location. Enum:
  - active
  - suspended
  - inactive
- **_status (optional)**
Element

operationalStatus (optional)

Coding

name (optional)

String A sequence of Unicode characters

__name (optional)

Element

alias (optional)

array[String] A list of alternate names that the location is known as, or was known as, in the past.

__alias (optional)

array[Element] Extensions for alias

description (optional)

String A sequence of Unicode characters

__description (optional)

Element

mode (optional)

String Indicates whether a resource instance represents a specific location or a class of locations.

Enum:

instance

kind

__mode (optional)

Element

type (optional)

array[CodeableConcept] Indicates the type of function performed at the location.

telecom (optional)

array[ContactPoint] The contact details of communication devices available at the location. This can include phone numbers, fax numbers, mobile numbers, email addresses and web sites.

address (optional)

Address

physicalType (optional)

CodeableConcept

position (optional)

Location_Position

managingOrganization (optional)

Reference

partOf (optional)

Reference

hoursOfOperation (optional)

array[Location_HoursOfOperation] What days/times during a week is this location usually open.

availabilityExceptions (optional)

String A sequence of Unicode characters

__availabilityExceptions (optional)

Element

deadline (optional)

Element

endpoint (optional)

array[Reference] Technical endpoints providing access to services operated for the location.

Location_HoursOfOperation -

Details and position information for a physical place where services are provided and resources and participants may be stored, found, contained, or accommodated.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**daysOfWeek (optional)**

`array[String]` Indicates which days of the week are available between the start and end Times.

**_daysOfWeek (optional)**

`array[Element]` Extensions for daysOfWeek

**allDay (optional)**

`Boolean` Value of “true” or “false”

**_allDay (optional)**

`Element`

**openingTime (optional)**

`String` A time during the day, with no date specified

**_openingTime (optional)**

`Element`

**closingTime (optional)**

`String` A time during the day, with no date specified

**_closingTime (optional)**

`Element`

**Location_Position**

Details and position information for a physical place where services are provided and resources and participants may be stored, found, contained, or accommodated.

**id (optional)**

`String` A sequence of Unicode characters

**extension (optional)**

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**longitude (optional)**

`BigDecimal` A rational number with implicit precision
MarketingStatus -

The marketing status describes the date when a medicinal product is actually put on the market or the date as of which it is no longer available.

id (optional)

String  A sequence of Unicode characters

extension (optional)

array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

country

CodeableConcept

dateRange

Period

restoreDate (optional)

String  A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

Measure -

The Measure resource provides the definition of a quality measure.

resourceType

oas_any_type_not_mapped  This is a Measure resource

id (optional)
String any combination of letters, numerals, - and ., with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.
meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource
that contains them - they cannot be identified independently, and nor can they have their own
independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource
and that modifies the understanding of the element that contains it and/or the understanding of the
containing element's descendants. Usually modifier elements provide negation or qualification. To
make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications
processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

url (optional)
String String of characters used to identify a name or a resource

identifier (optional)
array[Identifier] A formal identifier that is used to identify this measure when it is represented in
other formats, or referenced in a specification, model, design or an instance.

version (optional)
String A sequence of Unicode characters

title (optional)
String A sequence of Unicode characters
subtitle (optional)  
String A sequence of Unicode characters

_status (optional)  
Element

status (optional)  
String The status of this measure. Enables tracking the life-cycle of the content.  
Enum:
draft  
active  
retired  
unknown

experimental (optional)  
Boolean Value of "true" or "false"

subjectCodeableConcept (optional)  
CodeableConcept

subjectReference (optional)  
Reference

date (optional)  
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

publisher (optional)  
String A sequence of Unicode characters

contact (optional)  
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)  
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

useContext (optional)  
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate measure instances.

jurisdiction (optional)  
array[CodeableConcept] A legal or geographic region in which the measure is intended to be used.

purpose (optional)  
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

usage (optional)  
String A sequence of Unicode characters
copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

copyright (optional)
Element

approvalDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

approvalDate (optional)
Element

lastReviewDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

lastReviewDate (optional)
Element

effectivePeriod (optional)
Period
topic (optional)
array[CodeableConcept] Descriptive topics related to the content of the measure. Topics provide a high-level categorization grouping types of measures that can be useful for filtering and searching.

author (optional)
array[ContactDetail] An individual or organization primarily involved in the creation and maintenance of the content.

editor (optional)
array[ContactDetail] An individual or organization primarily responsible for internal coherence of the content.

reviewer (optional)
array[ContactDetail] An individual or organization primarily responsible for review of some aspect of the content.

endorser (optional)
array[ContactDetail] An individual or organization responsible for officially endorsing the content for use in some setting.

relatedArtifact (optional)
array[RelatedArtifact] Related artifacts such as additional documentation, justification, or bibliographic references.

library (optional)
array[String] A reference to a Library resource containing the formal logic used by the measure.

disclaimer (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

disclaimer (optional)
Element

scoring (optional)
CodeableConcept
compositeScoring (optional)
CodeableConcept
type (optional)
array[CodeableConcept] Indicates whether the measure is used to examine a process, an outcome over time, a patient-reported outcome, or a structure measure such as utilization.

riskAdjustment (optional)
String A sequence of Unicode characters

riskAdjustment (optional)
Element

rateAggregation (optional)
String A sequence of Unicode characters
MeasureReport -

The MeasureReport resource contains the results of the calculation of a measure; and optionally a reference to the resources involved in that calculation.

resourceType

This is a MeasureReport resource

id (optional)

Any combination of letters, numerals, "," and ".", with a length limit of 64 characters. (This might be an integer, an unprefixe OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

implicitRules (optional)

String String of characters used to identify a name or a resource

_language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element
text (optional)

Narrative contained (optional)

array[ResourceId] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own
extension (optional)

Array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

Array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

Array[Identifier] A formal identifier that is used to identify this MeasureReport when it is represented in other formats or referenced in a specification, model, design or an instance.

status (optional)

String The MeasureReport status. No data will be available until the MeasureReport status is complete.

Enum:
  complete
  pending
  error

_type (optional)

Element

type (optional)

String The type of measure report. This may be an individual report, which provides the score for the measure for an individual member of the population; a subject-listing, which returns the list of members that meet the various criteria in the measure; a summary report, which returns a population count for each of the criteria in the measure; or a data-collection, which enables the MeasureReport to be used to exchange the data-of-interest for a quality measure.

Enum:
  Individual
  subject-list
  summary
  data-collection

_measure (optional)

Element

subject (optional)

Reference

date (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)

Element

reporter (optional)

Reference

period

Element

improvementNotation (optional)
MeasureReport_Component

The MeasureReport resource contains the results of the calculation of a measure; and optionally a reference to the resources involved in that calculation.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - *array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

- **code**
  - *CodeableConcept*

- **value**
  - *CodeableConcept*

MeasureReport_Group

The MeasureReport resource contains the results of the calculation of a measure; and optionally a reference to the resources involved in that calculation.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - *array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

### code (optional)
*CodeableConcept*

### population (optional)
*array[MeasureReport_Population]* The populations that make up the population group, one for each type of population appropriate for the measure.

### measureScore (optional)
*Quantity*

### stratifier (optional)
*array[MeasureReport_Stratifier]* When a measure includes multiple stratifiers, there will be a stratifier group for each stratifier defined by the measure.

#### MeasureReport_Population

The MeasureReport resource contains the results of the calculation of a measure; and optionally a reference to the resources involved in that calculation.

- **id (optional)**
  *String* A sequence of Unicode characters

- **extension (optional)**
  *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

### code (optional)
*CodeableConcept*

### count (optional)
*BigDecimal* A whole number

- **_count (optional)**
  *Element*

### subjectResults (optional)
*Reference*

#### MeasureReport_Population1

The MeasureReport resource contains the results of the calculation of a measure; and optionally a reference to the resources involved in that calculation.

- **id (optional)**
  *String* A sequence of Unicode characters

- **extension (optional)**
  *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

- **modifierExtension (optional)**
  *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)
CodeableConcept
count (optional)
BigDecimal A whole number
count (optional)
Element
subjectResults (optional)
Reference

MeasureReport_Stratifier -

The MeasureReport resource contains the results of the calculation of a measure; and optionally a reference to the resources involved in that calculation.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)
array[CodeableConcept] The meaning of this stratifier, as defined in the measure definition.

stratum (optional)
array[MeasureReport_Stratum] This element contains the results for a single stratum within the stratifier. For example, when stratifying on administrative gender, there will be four strata, one for each possible gender value.

MeasureReport_Stratum -

The MeasureReport resource contains the results of the calculation of a measure; and optionally a reference to the resources involved in that calculation.

id (optional)
String A sequence of Unicode characters

extension (optional)
modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

value (optional)

CodeableConcept

criterion (optional)

array[MeasureReport_Component]

A stratifier component value.

population (optional)

array[MeasureReport_Population]

The populations that make up the stratum, one for each type of population appropriate to the measure.

measureScore (optional)

Quantity

Measure_Component -

The Measure resource provides the definition of a quality measure.

id (optional)

String

A sequence of Unicode characters

extension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)

CodeableConcept

description (optional)

String

A sequence of Unicode characters

_element (optional)

Element

criteria

Expression
The Measure resource provides the definition of a quality measure.

- **id (optional)**
  - `String` A sequence of Unicode characters

- **extension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **code (optional)**
  - `CodeableConcept`

- **description (optional)**
  - `String` A sequence of Unicode characters

- **_description (optional)**
  - `Element`

- **population (optional)**

- **stratifier (optional)**
  - `array[Measure_Stratifier]` The stratifier criteria for the measure report, specified as either the name of a valid CQL expression defined within a referenced library or a valid FHIR Resource Path.

---

The Measure resource provides the definition of a quality measure.

- **id (optional)**
  - `String` A sequence of Unicode characters

- **extension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **code (optional)**
Measure_Stratifier -

The Measure resource provides the definition of a quality measure.

- id (optional)
  - String A sequence of Unicode characters
- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- modifierExtension (optional)
  - array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- code (optional)
  - CodeableConcept
- description (optional)
  - String A sequence of Unicode characters
- criteria (optional)
  - Expression
- component (optional)
  - array[Measure_Component] A component of the stratifier criteria for the measure report, specified as either the name of a valid CQL expression defined within a referenced library or a valid FHIR Resource Path.

Measure_SupplementalData -

The Measure resource provides the definition of a quality measure.

- id (optional)
  - String A sequence of Unicode characters
- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- modifierExtension (optional)
  - array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)

  CodeableConcept

usage (optional)

  array[CodeableConcept] An indicator of the intended usage for the supplemental data element.

Supplemental data indicates the data is additional information requested to augment the measure information. Risk adjustment factor indicates the data is additional information used to calculate risk adjustment factors when applying a risk model to the measure calculation.

description (optional)

  String A sequence of Unicode characters

  description (optional)

  Element

criteria

  Expression

Media -

A photo, video, or audio recording acquired or used in healthcare. The actual content may be inline or provided by direct reference.

  resourceType

  oas_any_type_not_mapped This is a Media resource

id (optional)

  String Any combination of letters, numerals, "-" and "," with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

  Meta

implicitRules (optional)

  String String of characters used to identify a name or a resource

  implicitRules (optional)

  Element

language (optional)

  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

  language (optional)

  Element

text (optional)

  Narrative

contained (optional)

  array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

description (optional)

  array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

  array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**
- `array[Identifier]` Identifiers associated with the image - these may include identifiers for the image itself, identifiers for the context of its collection (e.g. series ids) and context ids such as accession numbers or other workflow identifiers.

**basedOn (optional)**
- `array[Reference]` A procedure that is fulfilled in whole or in part by the creation of this media.

**partOf (optional)**
- `array[Reference]` A larger event of which this particular event is a component or step.

**status (optional)**
- `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_status (optional)**
- `Element`

**type (optional)**
- `CodeableConcept`

**modality (optional)**
- `CodeableConcept`

**view (optional)**
- `CodeableConcept`

**subject (optional)**
- `Reference`

**encounter (optional)**
- `Reference`

**createdDateTime (optional)**
- `String` The date and time(s) at which the media was collected.

**_createdDateTime (optional)**
- `Element`

**createdPeriod (optional)**
- `Period`

**issued (optional)**
- `String` An instant in time - known at least to the second

**_issued (optional)**
- `Element`

**operator (optional)**
- `Reference`

**reasonCode (optional)**
- `array[CodeableConcept]` Describes why the event occurred in coded or textual form.

**bodySite (optional)**
- `CodeableConcept`

**deviceName (optional)**
- `String` A sequence of Unicode characters

**_deviceName (optional)**
- `Element`

**device (optional)**
- `Reference`

**height (optional)**
Medication

This resource is primarily used for the identification and definition of a medication for the purposes of prescribing, dispensing, and administering a medication as well as for making statements about medication use.

resourceType oas_any_type_not_mapped This is a Medication resource

id (optional)
String Any combination of letters, numerals, ",", and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] Business identifier for this medication.

code (optional)
CodeableConcept

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_status (optional)
Element

manufacturer (optional)
Reference

form (optional)
CodeableConcept

amount (optional)
Ratio

ingredient (optional)
array[Medication_Ingredient] Identifies a particular constituent of interest in the product.

batch (optional)
Medication_Batch

MedicationAdministration Describes the event of a patient consuming or otherwise being administered a medication. This may be as simple as swallowing a tablet or it may be a long running infusion. Related resources tie this event to the authorizing prescription, and the specific encounter between patient and health care practitioner.

resourceType
oas_any_type_not_mapped This is a MedicationAdministration resource

id (optional)
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] Identifiers associated with this Medication Administration that are defined by business processes and/or used to refer to it when a direct URL reference to the resource itself is not appropriate. They are business identifiers assigned to this resource by the performer or other systems and remain constant as the resource is updated and propagates from server to server.

instantiates (optional)

array[String] A protocol, guideline, orderset, or other definition that was adhered to in whole or in part by this event.

_partOf (optional)

array[Reference] A larger event of which this particular event is a component or step.

status (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_status (optional)

Element

statusReason (optional)

array[CodeableConcept] A code indicating why the administration was not performed.

category (optional)

CodeableConcept

medicationCodeableConcept (optional)

CodeableConcept

medicationReference (optional)

Reference

subject

Reference

context (optional)

Reference

supportingInformation (optional)

array[Reference] Additional information (for example, patient height and weight) that supports the administration of the medication.

effectiveDateTime (optional)

String A specific date/time or interval of time during which the administration took place (or did not take place, when the 'notGiven' attribute is true). For many administrations, such as swallowing a tablet the use of dateTime is more appropriate.

_effectiveDateTime (optional)

Element
effectivePeriod (optional)
Period

performer (optional)
array[MedicationAdministration_Performer] Indicates who or what performed the medication administration and how they were involved.

reasonCode (optional)
array[CodeableConcept] A code indicating why the medication was given.

reasonReference (optional)
array[Reference] Condition or observation that supports why the medication was administered.

request (optional)
Reference

device (optional)
array[Reference] The device used in administering the medication to the patient. For example, a particular infusion pump.

note (optional)
array[Annotation] Extra information about the medication administration that is not conveyed by the other attributes.

dosage (optional)
MedicationAdministration_Dosage

eventHistory (optional)
array[Reference] A summary of the events of interest that have occurred, such as when the administration was verified.

MedicationAdministration_Dosage -

Describes the event of a patient consuming or otherwise being administered a medication. This may be as simple as swallowing a tablet or it may be a long running infusion. Related resources tie this event to the authorizing prescription, and the specific encounter between patient and health care practitioner.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

text (optional)
String A sequence of Unicode characters

_text (optional)
Element

site (optional)
CodeableConcept

route (optional)
CodeableConcept

method (optional)
MedicationAdministration_Performer -

Describes the event of a patient consuming or otherwise being administered a medication. This may be as simple as swallowing a tablet or it may be a long running infusion. Related resources tie this event to the authorizing prescription, and the specific encounter between patient and health care practitioner.

id (optional)

String  A sequence of Unicode characters

extension (optional)

array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

function (optional)

CodeableConcept

actor

Reference

MedicationDispense -

Indicates that a medication product is to be or has been dispensed for a named person/patient. This includes a description of the medication product (supply) provided and the instructions for administering the medication. The medication dispense is the result of a pharmacy system responding to a medication order.

resourceType

oas_any_type_not_mapped  This is a MedicationDispense resource

id (optional)

String  Any combination of letters, numerals, "-" and "." with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String  String of characters used to identify a name or a resource

implicitRules (optional)

Element

language (optional)

String  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_language (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] Identifiers associated with this Medication Dispense that are defined by business processes and/or used to refer to it when a direct URL reference to the resource itself is not appropriate. They are business identifiers assigned to this resource by the performer or other systems and remain constant as the resource is updated and propagates from server to server.

partOf (optional)
array[Reference] The procedure that trigger the dispense.

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

    status (optional)
    Element

statusReasonCodeableConcept (optional)
CodeableConcept

statusReasonReference (optional)
Reference

category (optional)
CodeableConcept

medicationCodeableConcept (optional)
CodeableConcept

medicationReference (optional)
Reference

subject (optional)
Reference

category (optional)
Reference

supportingInformation (optional)
array[Reference] Additional information that supports the medication being dispensed.

performer (optional)
array[MedicationDispense_Performer] Indicates who or what performed the event.

location (optional)
MedicationDispense_Performer -

Indicates that a medication product is to be or has been dispensed for a named person/patient. This includes a description of the medication product (supply) provided and the instructions for administering the medication. The medication dispense is the result of a pharmacy system responding to a medication order.

id (optional)

String A sequence of Unicode characters

eventHistory (optional)

array[Reference] A summary of the events of interest that have occurred, such as when the dispense was verified.

detectedIssue (optional)

array[Reference] Indicates an actual or potential clinical issue with or between one or more active or proposed clinical actions for a patient; e.g. drug-drug interaction, duplicate therapy, dosage alert etc.

dosageInstruction (optional)

array[Dosage] Indicates how the medication is to be used by the patient.

substitution (optional)

MedicationDispense_Substitution

note (optional)

array[Annotation] Extra information about the dispense that could not be conveyed in the other attributes.

receiver (optional)

Reference Identifies the person who picked up the medication. This will usually be a patient or their caregiver, but some cases exist where it can be a healthcare professional.

whenPrepared (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_partition

whenPrevented (optional)

Element

whenHandedOver (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_partition

whenHandedOver (optional)

Element

destination (optional)

Reference

MedicationDispense_Performer -

Indicates that a medication product is to be or has been dispensed for a named person/patient. This includes a description of the medication product (supply) provided and the instructions for administering the medication. The medication dispense is the result of a pharmacy system responding to a medication order.

id (optional)

String A sequence of Unicode characters

eventHistory (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

function (optional)

  `CodeableConcept`

actor

  `Reference`

MedicationDispense_Substitution -

Indicates that a medication product is to be or has been dispensed for a named person/patient. This includes a description of the medication product (supply) provided and the instructions for administering the medication. The medication dispense is the result of a pharmacy system responding to a medication order.

id (optional)

  `String` A sequence of Unicode characters

extension (optional)

  `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

  `array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

wasSubstituted (optional)

  `Boolean` Value of “true” or “false”

_wasSubstituted (optional)

  `Element`

type (optional)

  `CodeableConcept`

reason (optional)

  `array[CodeableConcept]` Indicates the reason for the substitution (or lack of substitution) from what was prescribed.

responsibleParty (optional)

  `array[Reference]` The person or organization that has primary responsibility for the substitution.

MedicationKnowledge -

Information about a medication that is used to support knowledge.

resourceType

  `oas_any_type_not_mapped` This is a MedicationKnowledge resource

id (optional)
**String** Any combination of letters, numerals, - and ., with a length limit of 64 characters. This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints. Ids are case-insensitive.

`meta (optional)`

**Meta**

`implicitRules (optional)`

**String** String of characters used to identify a name or a resource

`_implicitRules (optional)`

**Element**

`language (optional)`

**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

`_language (optional)`

**Element**

`text (optional)`

**Narrative**

`contained (optional)`

**array[ResourceList]** These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

`extension (optional)`

**array[Extension]** May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

`modifierExtension (optional)`

**array[Extension]**

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

`code (optional)`

**CodeableConcept**

`status (optional)`

**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

`_status (optional)`

**Element**

`manufacturer (optional)`

**Reference**

`doseForm (optional)`

**CodeableConcept**

`amount (optional)`

**Quantity**

`synonym (optional)`

**array[String]** Additional names for a medication, for example, the name(s) given to a medication in different countries. For example, acetaminophen and paracetamol or salbutamol and albuterol.

`_synonym (optional)`

**array[Element]** Extensions for synonym

`relatedMedicationKnowledge (optional)`
associatedMedication (optional)
array[Reference] Associated or related medications. For example, if the medication is a branded product (e.g. Crestor), this is the Therapeutic Moety (e.g. Rosuvastatin) or if this is a generic medication (e.g. Rosuvastatin), this would link to a branded product (e.g. Crestor).

productType (optional)
array[CodeableConcept] Category of the medication or product (e.g. branded product, therapeutic moety, generic product, innovator product, etc.).

monograph (optional)
array[MedicationKnowledge_Monograph] Associated documentation about the medication.

ingredient (optional)
array[MedicationKnowledge_Ingredient] Identifies a particular constituent of interest in the product.

preparationInstruction (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

intendedRoute (optional)
array[CodeableConcept] The intended or approved route of administration.

cost (optional)
array[MedicationKnowledge_Cost] The price of the medication.

monitoringProgram (optional)
array[MedicationKnowledge_MonitoringProgram] The program under which the medication is reviewed.

administrationGuidelines (optional)
array[MedicationKnowledge_AdministrationGuidelines] Guidelines for the administration of the medication.

medicineClassification (optional)
array[MedicationKnowledge_MedicineClassification] Categorization of the medication within a formulary or classification system.

packaging (optional)
MedicationKnowledge_Packaging
drugCharacteristic (optional)
array[MedicationKnowledge_DrugCharacteristic] Specifies descriptive properties of the medicine, such as color, shape, imprints, etc.

contraindication (optional)
array[Reference] Potential clinical issue with or between medication(s) (for example, drug-drug interaction, drug-disease contraindication, drug-allergy interaction, etc.).

regulatory (optional)
array[MedicationKnowledge_Regulatory] Regulatory information about a medication.

kinetics (optional)
array[MedicationKnowledge_Kinetics] The time course of drug absorption, distribution, metabolism and excretion of a medication from the body.

MedicationKnowledge_AdministrationGuidelines - Information about a medication that is used to support knowledge.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

dosage (optional)
array[MedicationKnowledge_Dosage] Dosage for the medication for the specific guidelines.

indicationCodeableConcept (optional)
CodeableConcept

indicationReference (optional)
Reference

patientCharacteristics (optional)
array[MedicationKnowledge_PatientCharacteristics] Characteristics of the patient that are relevant to the administration guidelines (for example, height, weight, gender, etc.).

MedicationKnowledge_Cost -

Information about a medication that is used to support knowledge.

id (optional)
String A sequence of Unicode characters

eXTENSION (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type CodeableConcept

source (optional)
String A sequence of Unicode characters

source (optional)
Element

cost Money

MedicationKnowledge_Dosage -

Information about a medication that is used to support knowledge.

id (optional)
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

type
CodeableConcept
dosage
array[Dosage] Dosage for the medication for the specific guidelines.
MedicationKnowledge_Ingredient -

Information about a medication that is used to support knowledge.

- id (optional)
  - String  A sequence of Unicode characters
- extension (optional)
  - array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- modifierExtension (optional)
  - array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- itemCodeableConcept (optional)
  - CodeableConcept
- itemReference (optional)
  - Reference
- isActive (optional)
  - Boolean  Value of “true” or “false”
- _isActive (optional)
  - Element
- strength (optional)
  - Ratio

MedicationKnowledge_Kinetics -

Information about a medication that is used to support knowledge.

- id (optional)
  - String  A sequence of Unicode characters
- extension (optional)
  - array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- modifierExtension (optional)
  - array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
areaUnderCurve (optional)  
array[Quantity] The drug concentration measured at certain discrete points in time.

lethalDose50 (optional)  
array[Quantity] The median lethal dose of a drug.

halfLifePeriod (optional)  
Duration

MedicationKnowledge_MaxDispense -  
Information about a medication that is used to support knowledge.

id (optional)  
String A sequence of Unicode characters

extension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
array[Extension]  
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.  
To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

quantity  
Quantity

period (optional)  
Duration

MedicationKnowledge_MedicineClassification -  
Information about a medication that is used to support knowledge.

id (optional)  
String A sequence of Unicode characters

extension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
array[Extension]  
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.  
To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
type

CodeableConcept

classification (optional)
array[CodeableConcept] Specific category assigned to the medication (e.g. anti-infective, anti-hypertensive, antibiotic, etc.).

MedicationKnowledge_MonitoringProgram - Information about a medication that is used to support knowledge.

id (optional)

String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)

CodeableConcept

name (optional)

String A sequence of Unicode characters

_med (optional)

Element

MedicationKnowledge_Monograph - Information about a medication that is used to support knowledge.

id (optional)

String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
MedicationKnowledge_Packaging -

Information about a medication that is used to support knowledge.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)

CodeableConcept

quantity (optional)

Quantity

MedicationKnowledge_PatientCharacteristics -

Information about a medication that is used to support knowledge.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

characteristic (optional)

CodeableConcept
characteristicQuantity (optional)

Quantity

value (optional)

array[String] The specific characteristic (e.g. height, weight, gender, etc.).

_value (optional)

array[Element] Extensions for value

MedicationKnowledge_Regulatory -

Information about a medication that is used to support knowledge.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

regulatoryAuthority

Reference

substitution (optional)

array[MedicationKnowledge_Substitution] Specifies if changes are allowed when dispensing a
medication from a regulatory perspective.

schedule (optional)

array[MedicationKnowledge_Schedule] Specifies the schedule of a medication in jurisdiction.

maxDispense (optional)

MedicationKnowledge_MaxDispense

MedicationKnowledge_RelatedMedicationKnowledge -

Information about a medication that is used to support knowledge.

id (optional)

string A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**type**

*CodeableConcept*

**reference**

*array[Reference]* Associated documentation about the associated medication knowledge.

**MedicationKnowledge_Schedule**

Information about a medication that is used to support knowledge.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

**schedule**

*CodeableConcept*

**MedicationKnowledge_Substitution**

Information about a medication that is used to support knowledge.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

**type**
MedicationRequest -

An order or request for both supply of the medication and the instructions for administration of the medication to a patient. The resource is called 'MedicationRequest' rather than 'MedicationPrescription' or 'MedicationOrder' to generalize the use across inpatient and outpatient settings, including care plans, etc., and to harmonize with workflow patterns.

resourceType
- oas_any_type_not_mapped This is a MedicationRequest resource

id (optional)
- String Any combination of letters, numerals, "-" and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
- Meta

implicitRules (optional)
- String String of characters used to identify a name or a resource

language (optional)
- String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

text (optional)
- Narrative

contained (optional)
- array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
- array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
- array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
- array[Identifier] Identifiers associated with this medication request that are defined by business processes and/or used to refer to it when a direct URL reference to the resource itself is not appropriate. They are business identifiers assigned to this resource by the performer or other systems and remain constant as the resource is updated and propagates from server to server.
status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_status (optional)
Element

statusReason (optional)
CodeableConcept

intent (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_intent (optional)
Element

category (optional)
array[CodeableConcept] Indicates the type of medication request (for example, where the medication is expected to be consumed or administered (i.e. inpatient or outpatient)).

category (optional)
array[CodeableConcept]

priority (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_priorities (optional)
Element

doNotPerform (optional)
Boolean Value of “true” or “false”
_doNotPerform (optional)
Element

reportedBoolean (optional)
Boolean Indicates if this record was captured as a secondary 'reported' record rather than as an original primary source-of-truth record. It may also indicate the source of the report.
_reportedBoolean (optional)
Element

reportedReference (optional)
Reference

medicationCodeableConcept (optional)
CodeableConcept

medicationReference (optional)
Reference

subject
Reference

encounter (optional)
Reference

supportingInformation (optional)
array[Reference] Include additional information (for example, patient height and weight) that supports the ordering of the medication.

authoredOn (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
_authoredOn (optional)
Element

requester (optional)
Reference

performer (optional)
Reference

performerType (optional)
CodeableConcept
 recorder (optional)

reasonCode (optional)
array[CodeableConcept] The reason or the indication for ordering or not ordering the medication.

reasonReference (optional)
array[Reference] Condition or observation that supports why the medication was ordered.

instantiatesCanonical (optional)
array[String] The URL pointing to a protocol, guideline, orderset, or other definition that is adhered to in whole or in part by this MedicationRequest.

.instantiatesCanonical (optional)
array[Element] Extensions for instantiatesCanonical

instantiatesUri (optional)
array[String] The URL pointing to an externally maintained protocol, guideline, orderset or other definition that is adhered to in whole or in part by this MedicationRequest.

.instantiatesUri (optional)
array[Element] Extensions for instantiatesUri

basedOn (optional)
array[Reference] A plan or request that is fulfilled in whole or in part by this medication request.

groupIdentifier (optional)
Identifier
courseOfTherapyType (optional)
CodeableConcept

insurance (optional)
array[Reference] Insurance plans, coverage extensions, pre-authorizations and/or pre-determinations that may be required for delivering the requested service.

note (optional)
array[Annotation] Extra information about the prescription that could not be conveyed by the other attributes.

dosageInstruction (optional)
array[Dosage] Indicates how the medication is to be used by the patient.

dispenseRequest (optional)
MedicationRequest_DispenseRequest

substitution (optional)
MedicationRequest_Substitution

priorPrescription (optional)
Reference

detectedIssue (optional)
array[Reference] Indicates an actual or potential clinical issue with or between one or more active or proposed clinical actions for a patient; e.g. Drug-drug interaction, duplicate therapy, dosage alert etc.

eventHistory (optional)
array[Reference] Links to Provenance records for past versions of this resource or fulfilling request or event resources that identify key state transitions or updates that are likely to be relevant to a user looking at the current version of the resource.

MedicationRequest_DispenseRequest -

An order or request for both supply of the medication and the instructions for administration of the medication to a patient. The resource is called "MedicationRequest" rather than "MedicationPrescription" or "MedicationOrder" to generalize the use across inpatient and outpatient settings, including care plans, etc., and to harmonize with workflow patterns.

id (optional)
String A sequence of Unicode characters

targetExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
An order or request for both supply of the medication and the instructions for administration of the medication to a patient. The resource is called “MedicationRequest” rather than “MedicationPrescription” or “MedicationOrder” to generalize the use across inpatient and outpatient settings, including care plans, etc., and to harmonize with workflow patterns.

**id (optional)**
String A sequence of Unicode characters

**extension (optional)**
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.

**modifierExtension (optional)**
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a set of requirements that SHALL be met as part of the definition of the extension. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
MedicationRequest_Substitution -

An order or request for both supply of the medication and the instructions for administration of the medication to a patient. The resource is called "MedicationRequest" rather than "MedicationPrescription" or "MedicationOrder" to generalize the use across inpatient and outpatient settings, including care plans, etc., and to harmonize with workflow patterns.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Allowed extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

allowedBoolean (optional)

Boolean True if the prescriber allows a different drug to be dispensed from what was prescribed.

_reason (optional)

Element

allowedCodeableConcept (optional)

CodeableConcept

MedicationStatement -

A record of a medication that is being consumed by a patient. A MedicationStatement may indicate that the patient may be taking the medication now or has taken the medication in the past or will be taking the medication in the future. The source of this information can be the patient, significant other (such as a family member or spouse), or a clinician. A common scenario where this information is captured is during the history taking process during a patient visit or stay. The medication information may come from sources such as the patient's memory, from a prescription bottle, or from a list of medications the patient, clinician or other party maintains.

The primary difference between a medication statement and a medication administration is that the medication administration has complete administration information and is based on actual administration information from the person who administered the medication. A medication statement is often, if not always, less specific. There is no required date/time when the medication was administered, in fact we only know that a source has reported the patient is taking this medication, where details such as time, quantity, or rate or even medication product may be incomplete or missing or less precise. As stated earlier, the medication statement information may come from the patient's memory, from a prescription bottle or from a list of medications the patient, clinician or other party maintains. Medication administration is more formal and is not missing detailed information.

resourceType

oas_any_type_not_mapped This is a MedicationStatement resource

id (optional)
meta (optional)

implicitRules (optional)

language (optional)

text (optional)

contained (optional)

extension (optional)

modifierExtension (optional)

identifier (optional)

basedOn (optional)

partOf (optional)

status (optional)

statusReason (optional)

category (optional)

medicationCodeableConcept (optional)
medicationReference (optional)
Reference

subject
Reference

context (optional)
Reference

effectiveDateTime (optional)
String
The interval of time during which it is being asserted that the patient is/was/will be taking the medication (or was not taking, when the MedicationStatement.taken element is No).

effectiveDateTime (optional)
Element

effectivePeriod (optional)
Period
dateAsserted (optional)
String
A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

dateAsserted (optional)
Element

informationSource (optional)
Reference
derivedFrom (optional)
array[Reference] Allows linking the MedicationStatement to the underlying MedicationRequest, or to other information that supports or is used to derive the MedicationStatement.

reasonCode (optional)
array[CodeableConcept] A reason for why the medication is being/was taken.

reasonReference (optional)
array[Reference] Condition or observation that supports why the medication is being/was taken.

note (optional)
array[Annotation] Provides extra information about the medication statement that is not conveyed by the other attributes.

dosage (optional)
array[Dosage] Indicates how the medication is/was or should be taken by the patient.

Medication_Batch -

This resource is primarily used for the identification and definition of a medication for the purposes of prescribing, dispensing, and administering a medication as well as for making statements about medication use.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

_lotNumber (optional)

String A sequence of Unicode characters

_expirationDate (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

MedicationIngredient -

This resource is primarily used for the identification and definition of a medication for the purposes of prescribing, dispensing, and administering a medication as well as for making statements about medication use.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

MedicinalProduct -

Detailed definition of a medicinal product, typically for uses other than direct patient care (e.g. regulatory use).

resourceType

oas_any_type_not_mapped This is a MedicinalProduct resource

id (optional)

String Any combination of letters, numerals, "-" and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.
meta (optional)
  Meta

implicitRules (optional)
  String string of characters used to identify a name or a resource

  _implicitRules (optional)
  Element

grouping (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there
  is no whitespace other than single spaces in the contents

  _grouping (optional)
  Element
text (optional)
  Narrative

contained (optional)
  array/Resources These resources do not have an independent existence apart from the resource
  that contains them - they cannot be identified independently, and nor can they have their own
  independent transaction scope.

text (optional)
  array/Extension May be used to represent additional information that is not part of the basic
  definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
  governance applied to the definition and use of extensions. Though any implementer can define an
  extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  _text (optional)
  array/Extension

_modifierExtension (optional)
  array/Extension

  May be used to represent additional information that is not part of the basic definition of the resource
  and that modifies the understanding of the element that contains it and/or the understanding of the
  containing element's descendants. Usually modifier elements provide negation or qualification. To
  make the use of extensions safe and manageable, there is a strict set of governance applied to the
  definition and use of extensions. Though any implementer is allowed to define an extension, there is a
  set of requirements that SHALL be met as part of the definition of the extension. Applications
  processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
  (including cannot change the meaning of modifierExtension itself).

identifier (optional)
  array/Identifier Business identifier for this product. Could be an MPID.
type (optional)
  array/CodeableConcept
domain (optional)
  array/Coding

  combinedPharmaceuticalDoseForm (optional)
  array/CodeableConcept

legalStatusOfSupply (optional)
  array/CodeableConcept

additionalMonitoringIndicator (optional)
  array/CodeableConcept

specialMeasures (optional)
  array/String Whether the Medicinal Product is subject to special measures for regulatory reasons.

  _specialMeasures (optional)
  array/Element

  paediatricUseIndicator (optional)
  array/CodeableConcept

productClassification (optional)
  array/CodeableConcept Allows the product to be classified by various systems.

marketingStatus (optional)

https://10.2.4.1/api-doc/
marketing status of the medicinal product, in contrast to marketing authorization.


packagedMedicinalProduct (optional) array[Reference] Package representation for the product.

attachedDocument (optional) array[Reference] Supporting documentation, typically for regulatory submission.

masterFile (optional) array[Reference] A master file for to the medicinal product (e.g. Pharmacovigilance System Master File).

contact (optional) array[Reference] A product specific contact, person (in a role), or an organization.

clinicalTrial (optional) array[Reference] Clinical trials or studies that this product is involved in.

name array[MedicinalProduct_Name] The product's name, including full name and possibly coded parts.

crossReference (optional) array[Identifier] Reference to another product, e.g. for linking authorised to investigational product.

manufacturingBusinessOperation (optional) array[MedicinalProduct_ManufacturingBusinessOperation] An operation applied to the product, for manufacturing or administrative purpose.

specialDesignation (optional) array[MedicinalProduct_SpecialDesignation] Indicates if the medicinal product has an orphan designation for the treatment of a rare disease.

MedicinalProductAuthorization -

The regulatory authorization of a medicinal product.

resourceType oas_any_type_not_mapped This is a MedicinalProductAuthorization resource

id (optional) string Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixd OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional) Meta

implicitRules (optional) string string of characters used to identify a name or a resource

_language (optional) Element

language (optional) string A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

text (optional) Narrative

contained (optional) array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional) array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of

https://10.2.2.41/api-doc/ 1812/2148
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] Business identifier for the marketing authorization, as assigned by a regulator.

subject (optional)
Reference

country (optional)
array[CodeableConcept] The country in which the marketing authorization has been granted.

jurisdiction (optional)
array[CodeableConcept] Jurisdiction within a country.

status (optional)
CodeableConcept

statusDate (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_restoreDate (optional)
Element

restoreDate (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_validityPeriod (optional)
Period

dataExclusivityPeriod (optional)
Period

dateOfFirstAuthorization (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_authorizedAt (optional)
Element

internationalBirthDate (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_internationalBirthDate (optional)
Element

legalBasis (optional)
jurisdictionalAuthorization (optional)

holder (optional)
Reference

regulator (optional)
Reference

procedure (optional)
MedicinalProductAuthorization_Procedure

MedicinalProductAuthorization_JurisdictionalAuthorization

The regulatory authorization of a medicinal product.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] The assigned number for the marketing authorization.

country (optional)
CodeableConcept

jurisdiction (optional)
array[CodeableConcept] Jurisdiction within a country.

legalStatusOfSupply (optional)
CodeableConcept
validityPeriod (optional)
Period

MedicinalProductAuthorization_Procedure

The regulatory authorization of a medicinal product.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

*Identifier*

**type**

*CodeableConcept*

**datePeriod (optional)**

*Period*

**dateDateTime (optional)**

*String*  
_Date of procedure._

**dateDateTime (optional)**

_*Element_*

**application (optional)**

_array[MedicinalProductAuthorization_Procedure]*Applications submitted to obtain a marketing authorization.*

**MedicinalProductContraindication** -

The clinical particulars - indications, contraindications etc. of a medicinal product, including for regulatory purposes.

**resourceType**

*oas_any_type_not_mapped*  
This is a MedicinalProductContraindication resource

**id (optional)**

*String*  
Any combination of letters, numerals, “.” and “_”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

*Meta*

**implicitRules (optional)**

*String*  
String of characters used to identify a name or a resource

**language (optional)**

*String*  
A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_language (optional)**

_*Element_*

**text (optional)**

*Narrative*

**contained (optional)**

_array[ResourceList]*These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

_array[Extension]*May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

_array[Extension]*
May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

subject (optional)
  array[Reference] The medication for which this is an indication.

disease (optional)
  CodeableConcept
diseaseStatus (optional)
  CodeableConcept
comorbidity (optional)
  array[CodeableConcept] A comorbidity (concurrent condition) or coinfection.

therapeuticIndication (optional)
  array[Reference] Information about the use of the medicinal product in relation to other therapies as part of the indication.

otherTherapy (optional)
  array[MedicinalProductContraindication_OtherTherapy] Information about the use of the medicinal product in relation to other therapies described as part of the indication.

population (optional)
  array[Population] The population group to which this applies.

MedicinalProductContraindication_OtherTherapy

The clinical particulars - indications, contraindications etc. of a medicinal product, including for regulatory purposes.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

therapyRelationshipType
  CodeableConcept

medicationCodeableConcept (optional)
  CodeableConcept

medicationReference (optional)
  Reference

MedicinalProductIndication

https://10.2.2.41/api-doc/
resourceType
:oas_any_type_not_mapped This is a MedicinalProductIndication resource
id (optional)
String Any combination of letters, numerals, "-" and ",", with a length limit of 64 characters. (This
might be an integer, an unprefix OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.
meta (optional)
Meta
implicitRules (optional)
String string of characters used to identify a name or a resource
_implicitRules (optional)
Element
language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents
_language (optional)
Element
text (optional)
Narrative
contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource
that contains them - they cannot be identified independently, and nor can they have their own
independent transaction scope.
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource
and that modifies the understanding of the element that contains it and/or the understanding of the
containing element's descendants. Usually modifier elements provide negation or qualification. To
make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications
processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

subject (optional)
array[Reference] The medication for which this is an indication.
diseaseSymptomProcedure (optional)
CodeableConcept
diseaseStatus (optional)
CodeableConcept
comorbidity (optional)
array[CodeableConcept] Comorbidity (concurrent condition) or co-infection as part of the indication.
intendedEffect (optional)
CodeableConcept
duration (optional)
Quantity
otherTherapy (optional)
array[MedicinalProductIndication_OtherTherapy] Information about the use of the medicinal product
in relation to other therapies described as part of the indication.
MedicinalProductIndication_OtherTherapy -

Indication for the Medicinal Product.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**therapyRelationshipType**

*CodeableConcept* A code to indicate the relationship of this therapy to the medicinal product.

**medicationCodeableConcept (optional)**

*CodeableConcept* A medication.

**medicationReference (optional)**

*Reference* A reference to a MedicinalProduct that is used in the therapy.

MedicinalProductIngredient -

An ingredient of a manufactured item or pharmaceutical product.

**resourceType**

*oas_any_type_not_mapped* This is a MedicinalProductIngredient resource

**id (optional)**

*String* Any combination of letters, numerals, "," and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

*Meta* Additional metadata about the resource

**implicitRules (optional)**

*String* String of characters used to identify a name or a resource

**_implicitRules (optional)**

*Element* Additional information about the meaning of the resource

**language (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_language (optional)**

*Element* Additional information about the meaning of the resource

**text (optional)**

*Narrative* Detailed contents of the resource

desirableEffect (optional)

*array[Reference]* Describe the undesirable effects of the medicinal product.

population (optional)

*array[Population]* The population group to which this applies.
contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
Identifier
role
CodeableConcept
allergenicIndicator (optional)
Boolean value of "true" or "false"
__allergenicIndicator (optional)
Element
manufacturer (optional)
array[Reference] Manufacturer of this Ingredient.

specifiedSubstance (optional)
array[MedicinalProductIngredient_SpecifiedSubstance] A specified substance that comprises this ingredient.

substance (optional)
MedicinalProductIngredient_Substance

MedicinalProductIngredient_ReferenceStrength -
An ingredient of a manufactured item or pharmaceutical product.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
**MedicinalProductIngredient_SpecifiedSubstance**

An ingredient of a manufactured item or pharmaceutical product.

- **id** (optional)
  - `String` A sequence of Unicode characters

- **extension** (optional)
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension** (optional)
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **code**
  - `CodeableConcept`

- **group**
  - `CodeableConcept`

- **confidentiality** (optional)
  - `CodeableConcept`

- **strength** (optional)
  - `array[MedicinalProductIngredient_Strength]` Quantity of the substance or specified substance present in the manufactured item or pharmaceutical product.

**MedicinalProductIngredient_Strength**

An ingredient of a manufactured item or pharmaceutical product.

- **id** (optional)
  - `String` A sequence of Unicode characters

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

```
array[Extension]
```

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**presentation**

```
Ratio
```

**presentationLowLimit (optional)**

```
Ratio
```

**concentration (optional)**

```
Ratio
```

**concentrationLowLimit (optional)**

```
Ratio
```

**measurementPoint (optional)**

```
String A sequence of Unicode characters
```

```
_measurementPoint (optional)
```

```
Element
```

**country (optional)**

```
array[CodeableConcept] The country or countries for which the strength range applies.
```

**referenceStrength (optional)**

```
```

**MedicinalProductIngredient_Substance**

An ingredient of a manufactured item or pharmaceutical product.

**id (optional)**

```
String A sequence of Unicode characters
```

**extension (optional)**

```
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
```

**modifierExtension (optional)**

```
array[Extension]
```

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**code**

```
CodeableConcept
```
strength (optional)
array[MedicinalProductIngredient_Strength] Quantity of the substance or specified substance present in the manufactured item or pharmaceutical product.

MedicinalProductInteraction -

The interactions of the medicinal product with other medicinal products, or other forms of interactions.

resourceType
oas_any_type_not_mapped This is a MedicinalProductInteraction resource

id (optional)
String Any combination of letters, numerals, “.” and “,”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. ModifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

subject (optional)
array[Reference] The medication for which this is a described interaction.

description (optional)
String A sequence of Unicode characters

_description (optional)
Element

interactant (optional)
array[MedicinalProductInteraction_Interactant] The specific medication, food or laboratory test that interacts.
MedicinalProductInteraction_Interactant -

The interactions of the medicinal product with other medicinal products, or other forms of interactions.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

itemReference (optional)
Reference

itemCodeableConcept (optional)
CodeableConcept

MedicinalProductManufactured -

The manufactured item as contained in the packaged medicinal product.

resourceType
oas_any_type_notMapped This is a MedicinalProductManufactured resource

id (optional)
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)
Element
text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

manufacturedDoseForm

CodeableConcept

unitOfPresentation (optional)

CodeableConcept

quantity

Quantity

manufacturer (optional)

array[Reference] Manufacturer of the item (Note that this should be named "manufacturer" but it currently causes technical issues).

ingredient (optional)

array[Reference] Ingredient.

physicalCharacteristics (optional)

ProdCharacteristic

otherCharacteristics (optional)

array[CodeableConcept] Other codeable characteristics.

MedicinalProductPackaged -

A medicinal product in a container or package.

resourceType

eas any_type_not_mapped This is a MedicinalProductPackaged resource

id (optional)

String Any combination of letters, numerals, "," and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String string of characters used to identify a name or a resource

_language (optional)
A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

.language (optional)

text (optional)

contained (optional)

These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

Unique identifier.

subject (optional)

The product with this is a pack for.

description (optional)

A sequence of Unicode characters

description (optional)

Element

/legalStatusOfSupply (optional)

marketingStatus (optional)

Marketing information.

marketingAuthorization (optional)

Manufacturer of this Package Item.

batchIdentifier (optional)

Batch numbering.

packageItem (optional)

A packaging item, as contained for medicine, possibly with other packaging items within.

MedicinalProductPackaged_BatchIdentifier

A medicinal product in a container or package.

id (optional)

A sequence of Unicode characters

extension (optional)
modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

MedicationProductPackaged_PackageItem -

A medicinal product in a container or package.

id (optional)

String A sequence of Unicode characters

extension (optional)

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] including possibly Data Carrier Identifier.

type

CodeableConcept

quantity

Quantity

material (optional)

array[CodeableConcept] Material type of the package item.

alternateMaterial (optional)

array[CodeableConcept] A possible alternate material for the packaging.

device (optional)

array[Reference] A device accompanying a medicinal product.

manufacturedItem (optional)

array[Reference] The manufactured item as contained in the packaged medicinal product.
packageItem (optional)
array[MedicinalProductPackaged_PackageItem] Allows containers within containers.

physicalCharacteristics (optional)
ProdCharacteristic

otherCharacteristics (optional)
array[CodeableConcept] Other codeable characteristics.

shelfLifeStorage (optional)
array[ProductShelfLife] Shelf Life and storage information.

manufacturer (optional)
array[Reference] Manufacturer of this Package Item.

MedicinalProductPharmaceutical -

A pharmaceutical product described in terms of its composition and dose form.

resourceType oas_any_type_not_mapped This is a MedicinalProductPharmaceutical resource

id (optional)
String Any combination of letters, numerals, "." and "," with a length limit of 64 characters. (This might be an integer, an unpreffixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] An identifier for the pharmaceutical medicinal product.
administrableDoseForm

`CodeableConcept`

unitOfPresentation (optional)

`CodeableConcept`

ingredient (optional)

`array[Reference]` Ingredient.

device (optional)

`array[Reference]` Accompanying device.

characteristics (optional)

`array[MedicinalProductPharmaceutical_Characteristics]` Characteristics e.g. a product's onset of action.

routeOfAdministration

`array[MedicinalProductPharmaceutical_RouteOfAdministration]` The path by which the pharmaceutical product is taken into or makes contact with the body.

---

`MedicinalProductPharmaceutical_Characteristics` -

A pharmaceutical product described in terms of its composition and dose form.

`id (optional)`

`String` A sequence of Unicode characters

`extension (optional)`

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

`modifierExtension (optional)`

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

`code`

`CodeableConcept`

`status (optional)`

`CodeableConcept`

---

`MedicinalProductPharmaceutical_RouteOfAdministration` -

A pharmaceutical product described in terms of its composition and dose form.

`id (optional)`

`String` A sequence of Unicode characters

`extension (optional)`

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

`modifierExtension (optional)`

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

```latex
\begin{array}{l}
  \text{code} \\
  \text{CodeableConcept} \\
  \text{firstDose (optional)} \\
  \text{Quantity} \\
  \text{maxSingleDose (optional)} \\
  \text{Quantity} \\
  \text{maxDosePerDay (optional)} \\
  \text{Quantity} \\
  \text{maxDosePerTreatmentPeriod (optional)} \\
  \text{Ratio} \\
  \text{maxTreatmentPeriod (optional)} \\
  \text{Duration} \\
  \text{targetSpecies (optional)} \\
  \text{array}[\text{MedicinalProductPharmaceutical_TargetSpecies}] A species for which this route applies. \\
\end{array}
```

**MedicinalProductPharmaceutical_TargetSpecies** -

A pharmaceutical product described in terms of its composition and dose form.

```latex
\begin{array}{l}
  \text{id (optional)} \\
  \text{String} A sequence of Unicode characters \\
  \text{extension (optional)} \\
  \text{array}[\text{Extension}] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. \\
  \text{modifierExtension (optional)} \\
  \text{array}[\text{Extension}] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. \\
  \text{Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).} \\
  \text{code} \\
  \text{CodeableConcept} \\
  \text{withdrawalPeriod (optional)} \\
  \text{array}[\text{MedicinalProductPharmaceutical_WithdrawalPeriod}] A species specific time during which consumption of animal product is not appropriate. \\
\end{array}
```

**MedicinalProductPharmaceutical_WithdrawalPeriod** -

A pharmaceutical product described in terms of its composition and dose form.

```latex
\begin{array}{l}
  \text{id (optional)} \\
  \text{String} A sequence of Unicode characters \\
  \text{extension (optional)} \\
\end{array}
```
modifierExtension (optional)

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

tissue

`CodeableConcept`

value

`Quantity`

supportingInformation (optional)

`String` A sequence of Unicode characters

supportingInformation (optional)

`Element`

MedicinalProductUndesirableEffect

Describe the undesirable effects of the medicinal product.

resourceType

`oas_any_type_not_mapped` This is a MedicinalProductUndesirableEffect resource

id (optional)

`String` Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

`Meta`

implicitRules (optional)

`String` String of characters used to identify a name or a resource

_language (optional)

`Element`

language (optional)

`String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

`Element`

text (optional)

`Narrative`

contained (optional)

`array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

subject (optional)

The medication for which this is an indication.

symptomConditionEffect (optional)

classification (optional)

frequencyOfOccurrence (optional)

population (optional)

The population group to which this applies.

MedicinalProduct_CountryLanguage -

Detailed definition of a medicinal product, typically for uses other than direct patient care (e.g. regulatory use).

id (optional)

A sequence of Unicode characters

extension (optional)

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

country

classification

MedicinalProduct_ManufacturingBusinessOperation -

Detailed definition of a medicinal product, typically for uses other than direct patient care (e.g. regulatory use).
String

A sequence of Unicode characters

extension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

operationType (optional)
CodeableConcept

authorisationReferenceNumber (optional)
Identifier

effectiveDate (optional)
String

A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_effectiveDate (optional)
Element

confidentialityIndicator (optional)
CodeableConcept

manufacturer (optional)
array[Reference]

The manufacturer or establishment associated with the process.

regulator (optional)
Reference

MedicinalProduct_Name -

Detailed definition of a medicinal product, typically for uses other than direct patient care (e.g. regulatory use).

id (optional)
String

A sequence of Unicode characters

extension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
productName (optional)
   String A sequence of Unicode characters

   _productName (optional)
   Element

namePart (optional)
   array[MedicinalProduct_NamePart] Coding words or phrases of the name.

countryLanguage (optional)
   array[MedicinalProduct_CountryLanguage] Country where the name applies.

MedicinalProduct_NamePart -

Detailed definition of a medicinal product, typically for uses other than direct patient care (e.g. regulatory use).

   id (optional)
      String A sequence of Unicode characters

   extension (optional)
      array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   modifierExtension (optional)
      array[Extension]

      May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

   part (optional)
      String A sequence of Unicode characters

      _part (optional)
      Element

      type
      Coding

MedicinalProduct_SpecialDesignation -

Detailed definition of a medicinal product, typically for uses other than direct patient care (e.g. regulatory use).

   id (optional)
      String A sequence of Unicode characters

   extension (optional)
      array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   modifierExtension (optional)
      array[Extension]

      May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **identifier (optional)**  
  `array[Identifier]`  
  Identifier for the designation, or procedure number.

- **type (optional)**  
  `CodeableConcept`

- **intendedUse (optional)**  
  `CodeableConcept`

- **indicationCodeableConcept (optional)**  
  `CodeableConcept`

- **indicationReference (optional)**  
  `Reference`

- **status (optional)**  
  `CodeableConcept`

- **date (optional)**  
  `String`  
  A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

- **species (optional)**  
  `CodeableConcept`

---

**MessageDefinition**

Defines the characteristics of a message that can be shared between systems, including the type of event that initiates the message, the content to be transmitted and what response(s), if any, are permitted.

- **resourceType**  
  `oas_any_type_not_mapped`  
  This is a MessageDefinition resource

- **id (optional)**  
  `String`  
  Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta (optional)**  
  `Meta`

- **implicitRules (optional)**  
  `String`  
  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **language (optional)**  
  `String`  
  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **text (optional)**  
  `Narrative`

- **contained (optional)**  
  `array[ResourceList]`  
  These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension (optional)**
arrayExtension may be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
rayExtension

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)

String String of characters used to identify a name or a resource

_identifier (optional)

arrayIdentifier A formal identifier that is used to identify this message definition when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)

String A sequence of Unicode characters

_name (optional)

Element

title (optional)

String A sequence of Unicode characters

_replaces (optional)

arrayString A MessageDefinition that is superseded by this definition.

status (optional)

String The status of this message definition. Enables tracking the life-cycle of the content. Enum:

draft
active
retired
unknown

_experimental (optional)

Element

Boolean Value of “true” or “false”

_date (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
publisher (optional)

String A sequence of Unicode characters

_contact (optional)

array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

description (optional)

useContext (optional)

array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are used. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate message definition instances.

description (optional)

Array[CodeableConcept] A legal or geographic region in which the message definition is intended to be used.

description (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

description (optional)

UseContext (optional)

Array[UsageContext]

case useContext (optional)

Array[UsageContext]

case jurisdiction (optional)

Array[CodeableConcept]

case purpose (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

case purpose (optional)

Element

case copyright (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

case copyright (optional)

Element

case base (optional)

String A URI that is a reference to a canonical URL on a FHIR resource

case parent (optional)

Array[String]

case eventCoding (optional)

Coding

case eventUri (optional)

String Event code or link to the EventDefinition.

case eventUri (optional)

Element

category (optional)

String The impact of the content of the message.

Enum:

consequence

currency

notification

case category (optional)

Element

case focus (optional)

Array[MessageDefinition_Focus]

case focus (optional)

Element

case responseRequired (optional)

String Declare at a message definition level whether a response is required or only upon error or success, or never.

Enum:

always

on-error

Never

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_HAPIT FHIR Server

[26x770]11/9/23, 5:01 PM

[0x792]HAPI FHIR Server

[26x16]https://10.2.2.41/api-doc/

[566x16]1837

[569x16]2148

[556x603]Up

on-success

<ResponseRequired (optional)

Element

allowedResponse (optional)

array[MessageDefinition_AllowedResponse] Indicates what types of messages may be sent as an application-level response to this message.

graph (optional)

array[String] Canonical reference to a GraphDefinition. If a URL is provided, it is the canonical reference to a [[GraphDefinition]] that it controls what resources are to be added to the bundle when building the document. The GraphDefinition can also specify profiles that apply to the various resources.

MessageDefinition_AllowedResponse -

Defines the characteristics of a message that can be shared between systems, including the type of event that initiates the message, the content to be transmitted and what response(s), if any, are permitted.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

message

String A URI that is a reference to a canonical URL on a FHIR resource

situation (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

situation (optional)

Element

MessageDefinition_Focus -

Defines the characteristics of a message that can be shared between systems, including the type of event that initiates the message, the content to be transmitted and what response(s), if any, are permitted.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

profile (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

min (optional)
BigDecimal An integer with a value that is not negative (e.g. >= 0)

max (optional)
String A sequence of Unicode characters

MessageHeader -
The header for a message exchange that is either requesting or responding to an action. The reference(s) that are the subject of the action as well as other information related to the action are typically transmitted in a bundle in which the MessageHeader resource instance is the first resource in the bundle.

resourceType
oas_any_type_not_mapped This is a MessageHeader resource

id (optional)
String Any combination of letters, numerals, “.” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

Array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**eventCoding (optional)**

Coding

eventUri (optional)

String Code that identifies the event this message represents and connects it with its definition. Events defined as part of the FHIR specification have the system value "http://terminology.hl7.org/CodeSystem/message-events". Alternatively uri to the EventDefinition.

_eventUri (optional)

Element

destination (optional)

Array[MessageHeader_Destination] The destination application which the message is intended for.

sender (optional)

Reference

enterer (optional)

Reference

author (optional)

Reference

source

MessageHeader_Source

responsible (optional)

Reference

reason (optional)

CodeableConcept

response (optional)

MessageHeader_Response

focus (optional)

Array[Reference] The actual data of the message - a reference to the root/focus class of the event.

definition (optional)

String A URI that is a reference to a canonical URL on a FHIR resource

**MessageHeader_Destination** -

The header for a message exchange that is either requesting or responding to an action. The reference(s) that are the subject of the action as well as other information related to the action are typically transmitted in a bundle in which the MessageHeader resource instance is the first resource in the bundle.

**id (optional)**

String A sequence of Unicode characters

**extension (optional)**

Array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)

String A sequence of Unicode characters

_identifier (optional)

Element
target (optional)

Reference
decode_from (optional)

String A URI that is a literal reference

_identifier (optional)

Element
receiver (optional)

Reference

MessageHeader_Response -

The header for a message exchange that is either requesting or responding to an action. The reference(s) that are the subject of the action as well as other information related to the action are typically transmitted in a bundle in which the MessageHeader resource instance is the first resource in the bundle.

id (optional)

String A sequence of Unicode characters

target (optional)

Reference
decode_from (optional)

String A URI that is a literal reference

_identifier (optional)

Element
receiver (optional)

Reference

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

String Any combination of letters, numerals, “-“ and “.” with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_identifier (optional)

Element
code (optional)

String Code that identifies the type of response to the message - whether it was successful or not, and whether it should be resent or not.
HAPI FHIR Server

https://10.2.2.41/api-doc/

11/9/23, 5:01 PM

```python
enum:
  ok
  transient-error
  fatal-error

_code (optional)
Element

details (optional)
Reference

MessageHeader_Source -

The header for a message exchange that is either requesting or responding to an action. The reference(s) that are the subject of the action as well as other information related to the action are typically transmitted in a bundle in which the MessageHeader resource instance is the first resource in the bundle.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)
String A sequence of Unicode characters

__ (optional)
Element

software (optional)
String A sequence of Unicode characters

__software (optional)
Element

version (optional)
String A sequence of Unicode characters

__version (optional)
Element

contact (optional)
ContactPoint

e__endpoint (optional)
String A URI that is a literal reference

e__endpoint (optional)
Element

Meta -

The metadata about a resource. This is content in the resource that is maintained by the infrastructure. Changes to the content might not always be associated with version changes to the resource.

1841/2148
id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

versionId (optional)
  String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_lastUpdated (optional)
  Element

source (optional)
  String String of characters used to identify a name or a resource

_profile (optional)
  array[String] A list of profiles (references to [[StructureDefinition]] resources) that this resource claims to conform to. The URL is a reference to [[StructureDefinition.url]].

security (optional)
  array[Coding] Security labels applied to this resource. These tags connect specific resources to the overall security policy and infrastructure.

tag (optional)
  array[Coding] Tags applied to this resource. Tags are intended to be used to identify and relate resources to process and workflow, and applications are not required to consider the tags when interpreting the meaning of a resource.

MolecularSequence -

Raw data describing a biological sequence.

resourceType
  oas_any_type_not_mapped This is a MolecularSequence resource

id (optional)
  String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
  Meta

implicitRules (optional)
  String String of characters used to identify a name or a resource

_language (optional)
  Element

text (optional)
  Narrative

contained (optional)
These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

A unique identifier for this particular sequence instance. This is a FHIR-defined id.

type (optional)

Amino Acid Sequence / DNA Sequence / RNA Sequence.

Enum:

- aa
- dna
- rna

type (optional)

coordinateSystem (optional)

A whole number

coordinateSystem (optional)

patient (optional)

specimen (optional)

device (optional)

performer (optional)

quantity (optional)

referenceSeq (optional)

MolecularSequence_ReferenceSeq

variant (optional)

The definition of variant here originates from Sequence ontology (variant_of). This element can represent amino acid or nucleic sequence change (including insertion, deletion, SNP, etc.) It can represent some complex mutation or segment variation with the assist of CIGAR string.

observedSeq (optional)

A sequence of Unicode characters

quality (optional)
array[MolecularSequence_Quality]
An experimental feature attribute that defines the quality of the feature in a quantitative way, such as a phred quality score (SO:0001686).

readCoverage (optional)
BigDecimal A whole number
__readCoverage (optional)
Element

repository (optional)
array[MolecularSequence_Repository] Configurations of the external repository. The repository shall store target's observedSeq or records related with target's observedSeq.

pointer (optional)
array[Reference] Pointer to next atomic sequence which at most contains one variant.

structureVariant (optional)
array[MolecularSequence_StructureVariant] Information about chromosome structure variation.

MolecularSequence_Inner -
Raw data describing a biological sequence.

id (optional)
String A sequence of Unicode characters

description (optional)
Element

extension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

start (optional)
BigDecimal A whole number
__start (optional)
Element

description (optional)
Element

end (optional)
BigDecimal A whole number
__end (optional)
Element

MolecularSequence_Outer -
Raw data describing a biological sequence.

id (optional)
String A sequence of Unicode characters

description (optional)
Element

extension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
MolecularSequence_Quality -

Raw data describing a biological sequence.

id (optional)
  *String* A sequence of Unicode characters

extension (optional)
  *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

modifierExtension (optional)
  *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
  *String* INDEL / SNP / Undefined variant.
  Enum:
    *indel*
    *snp*
    *unknown*

_start (optional)
  *BigDecimal* A whole number

_end (optional)
  *BigDecimal* A whole number
BigDecimal A rational number with implicit precision

truthTP (optional)
BigDecimal A rational number with implicit precision

_queryTP (optional)
Element

truthFN (optional)
BigDecimal A rational number with implicit precision

_queryFN (optional)
Element

queryFP (optional)
BigDecimal A rational number with implicit precision

_precision (optional)
Element

recall (optional)
BigDecimal A rational number with implicit precision

_fScore (optional)
Element

roc (optional)
MolecularSequence_Roc

MolecularSequence_ReferenceSeq -

Raw data describing a biological sequence.
id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- chromosome (optional)
  - CodeableConcept

- genomeBuild (optional)
  - String A sequence of Unicode characters

- _genomeBuild (optional)
  - Element

- orientation (optional)
  - String A relative reference to a DNA strand based on gene orientation. The strand that contains the open reading frame of the gene is the "sense" strand, and the opposite complementary strand is the "antisense" strand.
    - Enum:
      - sense
      - antisense

- _orientation (optional)
  - Element

- referenceSeqId (optional)
  - CodeableConcept

- referenceSeqPointer (optional)
  - Reference

- referenceSeqString (optional)
  - String A sequence of Unicode characters

- _referenceSeqString (optional)
  - Element

- strand (optional)
  - String An absolute reference to a strand. The Watson strand is the strand whose 5'-end is on the short arm of the chromosome, and the Crick strand as the one whose 5'-end is on the long arm.
    - Enum:
      - w Watson
      - crick

- _strand (optional)
  - Element

- windowStart (optional)
  - BigDecimal A whole number

- _windowStart (optional)
  - Element

- windowEnd (optional)
  - BigDecimal A whole number

- _windowEnd (optional)
  - Element

MolecularSequence_Repository:

Raw data describing a biological sequence.

- id (optional)
  - String A sequence of Unicode characters

- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
String Click and see / RESTful API / Need login to see / RESTful API with authentication / Other ways to see resource.

Enum:
  directlink
  openapi
  login
  oauth
  other

_type (optional)
Element

type (optional)
String string of characters used to identify a name or a resource

_url (optional)
Element

name (optional)
String A sequence of Unicode characters

_name (optional)
Element

datasetId (optional)
String A sequence of Unicode characters

_datasetId (optional)
Element

variantsetId (optional)
String A sequence of Unicode characters

_variantsetId (optional)
Element

readsetId (optional)
String A sequence of Unicode characters

_readsetId (optional)
Element

MolecularSequence_Roc -

Raw data describing a biological sequence.

id (optional)
String A sequence of Unicode characters

type (optional)
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

score (optional)

`array[BigDecimal]` Invidual data point representing the GQ (genotype quality) score threshold.

_score (optional)

`array[Element]` Extensions for score

numTP (optional)

`array[BigDecimal]` The number of true positives if the GQ score threshold was set to "score" field value.

_numTP (optional)

`array[Element]` Extensions for numTP

numFP (optional)

`array[BigDecimal]` The number of false positives if the GQ score threshold was set to "score" field value.

_numFP (optional)

`array[Element]` Extensions for numFP

numFN (optional)

`array[BigDecimal]` The number of false negatives if the GQ score threshold was set to "score" field value.

_numFN (optional)

`array[Element]` Extensions for numFN

precision (optional)

`array[BigDecimal]` Calculated precision if the GQ score threshold was set to "score" field value.

_precision (optional)

`array[Element]` Extensions for precision

sensitivity (optional)

`array[BigDecimal]` Calculated sensitivity if the GQ score threshold was set to "score" field value.

_sensitivity (optional)

`array[Element]` Extensions for sensitivity

fMeasure (optional)

`array[BigDecimal]` Calculated fScore if the GQ score threshold was set to "score" field value.

_fMeasure (optional)

`array[Element]` Extensions for fMeasure

---

MolecularSequence_StructureVariant -

Raw data describing a biological sequence.

id (optional)

`String` A sequence of Unicode characters

extension (optional)

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

`array[Extension]`
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**variantType (optional)**
- `CodeableConcept`

**exact (optional)**
- `Boolean` Value of "true" or "false"

**_exact (optional)**
- `Element`

**length (optional)**
- `BigDecimal` A whole number

**_length (optional)**
- `Element`

**outer (optional)**
- `MolecularSequence_Outer`

**inner (optional)**
- `MolecularSequence_Inner`

**MolecularSequence_Variant**

Raw data describing a biological sequence.

**id (optional)**
- `String` A sequence of Unicode characters

**extension (optional)**
- `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**
- `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**start (optional)**
- `BigDecimal` A whole number

**_start (optional)**
- `Element`

**end (optional)**
- `BigDecimal` A whole number

**_end (optional)**
- `Element`

**observedAllele (optional)**
- `String` A sequence of Unicode characters
_observedAllele (optional)
  Element

referenceAllele (optional)
  String A sequence of Unicode characters

_currency (optional)
  Element

variantPointer (optional)
  Reference

Money -
An amount of economic utility in some recognized currency.

_id (optional)
  String A sequence of Unicode characters

_extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

_value (optional)
  BigDecimal A rational number with implicit precision

_currency (optional)
  Element

NamingSystem -
A curated namespace that issues unique symbols within that namespace for the identification of concepts, people,
devices, etc. Represents a "System" used within the Identifier and Coding data types.

_resourceType
  oas_any_type_not_mapped This is a NamingSystem resource

_id (optional)
  String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This
might be an integer, an unprefixe OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

_meta (optional)
  Meta

_implicitRules (optional)
  String String of characters used to identify a name or a resource

_language (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

_text (optional)
contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)
String A sequence of Unicode characters

_name (optional)
Element

status (optional)
String The status of this naming system. Enables tracking the life-cycle of the content.

_enum:
draft
draft
active
retired
unknown

_status (optional)
Element

kind (optional)
String Indicates the purpose for the naming system - what kinds of things does it make unique?

_enum:
codesystem
identifier
root

_kind (optional)
Element
date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

date (optional)
Element
publisher (optional)
String A sequence of Unicode characters

_publisher (optional)
Element

contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

responsible (optional)
String A sequence of Unicode characters
_responsible (optional)
`Element`

type (optional)
`CodeableConcept`

description (optional)
`String` A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_useDescription (optional)
`Element`

useContext (optional)
`array[UsageContext]` The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate naming system instances.

jurisdiction (optional)
`array[CodeableConcept]` A legal or geographic region in which the naming system is intended to be used.

usage (optional)
`String` A sequence of Unicode characters

_usage (optional)
`Element`

uniqueId
`array[NamingSystem_UniqueId]` indicates how the system may be identified when referenced in electronic exchange.

NamingSystem_UniqueId -

A curated namespace that issues unique symbols within that namespace for the identification of concepts, people, devices, etc. Represents a system used within the Identifier and Coding data types.

id (optional)
`String` A sequence of Unicode characters

extension (optional)
`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
`String` Identifies the unique identifier scheme used for this particular identifier.

Enum:
  - oid
  - uuid
  - ur
  - other

_type (optional)
`Element`
value (optional)  
  String A sequence of Unicode characters

_value (optional)

preferred (optional)  
  Boolean Value of “true” or “false”

_preferred (optional)

comeent (optional)  
  String A sequence of Unicode characters

_comment (optional)

period (optional)  
  Period

Narrative -

A human-readable summary of the resource conveying the essential clinical and business information for the resource.

id (optional)  
  String A sequence of Unicode characters

extension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

status (optional)  
  String The status of the narrative - whether it’s entirely generated (from just the defined data or the extensions too), or whether a human authored it and it may contain additional data.

  Enum:

  generated

  extensions

  additional

  empty

_status (optional)

_element

div  
:oas_any_type_not_mapped xhtml - escaped html (see specification)

NutritionOrder -

A request to supply a diet, formula feeding (enteral) or oral nutritional supplement to a patient/resident.

resourceType  
:oas_any_type_not_mapped This is a NutritionOrder resource

id (optional)  
  String Any combination of letters, numerals, “.” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

:Meta

implicitRules (optional)  
  String string of characters used to identify a name or a resource

 ImplicitRules (optional)

_language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_language (optional)

**Element**

text (optional)

**Narrative**

contained (optional)

*array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

*array[Identifier]* Identifiers assigned to this order by the order sender or by the order receiver.

instantiatesCanonical (optional)

*array[String]* The URL pointing to a FHIR-defined protocol, guideline, orderset or other definition that is adhered to in whole or in part by this NutritionOrder.

instantiatesUri (optional)

*array[String]* The URL pointing to an externally maintained protocol, guideline, orderset or other definition that is adhered to in whole or in part by this NutritionOrder.

_instantiatesUri (optional)

*array[Element]* Extensions for instantiatesUri

instantiates (optional)

*array[String]* The URL pointing to a protocol, guideline, orderset or other definition that is adhered to in whole or in part by this NutritionOrder.

_instantiates (optional)

*array[Element]* Extensions for instantiates

status (optional)

**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_instatus (optional)

**Element**

intent (optional)

**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_intent (optional)

**Element**

patient

*Reference*

encounter (optional)

*Reference*

dateTime (optional)
A request to supply a diet, formula feeding (enteral) or oral nutritional supplement to a patient/resident.

id (optional)
String A sequence of Unicode characters

element (optional)
array[Element] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
schedule (optional)
  Timing

quantity (optional)
  Quantity

rateQuantity (optional)
  Quantity

rateRatio (optional)
  Ratio

NutritionOrder_EnteralFormula -

A request to supply a diet, formula feeding (enteral) or oral nutritional supplement to a patient/resident.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

baseFormulaType (optional)
  CodeableConcept

baseFormulaProductName (optional)
  String A sequence of Unicode characters

_baseFormulaProductName (optional)
  Element

additiveType (optional)
  CodeableConcept

additiveProductName (optional)
  String A sequence of Unicode characters

_additiveProductName (optional)
  Element

caloricDensity (optional)
  Quantity

routeofAdministration (optional)
  CodeableConcept

administration (optional)
  array[NutritionOrder_Administration] Formula administration instructions as structured data. This
repeating structure allows for changing the administration rate or volume over time for both bolus and
continuous feeding. An example of this would be an instruction to increase the rate of continuous
feeding every 2 hours.

maxVolumeToDeliver (optional)
  Quantity

administrationInstruction (optional)
_administrationInstruction (optional)

**Element**

**NutritionOrder_Nutrient**

A request to supply a diet, formula feeding (enteral) or oral nutritional supplement to a patient/resident.

- **id (optional)**
  - **String** A sequence of Unicode characters

- **extension (optional)**
  - **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **modifier (optional)**
  - **CodeableConcept**

- **amount (optional)**
  - **Quantity**

**NutritionOrder_OralDiet**

A request to supply a diet, formula feeding (enteral) or oral nutritional supplement to a patient/resident.

- **id (optional)**
  - **String** A sequence of Unicode characters

- **extension (optional)**
  - **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **type (optional)**
  - **array[CodeableConcept]** The kind of diet or dietary restriction such as fiber restricted diet or diabetic diet.

- **schedule (optional)**
array[Timing] The time period and frequency at which the diet should be given. The diet should be given for the combination of all schedules if more than one schedule is present.

nutrient (optional) array[NutritionOrder_Nutrient] Class that defines the quantity and type of nutrient modifications (for example carbohydrate, fiber or sodium) required for the oral diet.

texture (optional) array[NutritionOrder_Texture] Class that describes any texture modifications required for the patient to safely consume various types of solid foods.

fluidConsistencyType (optional) array[CodeableConcept] The required consistency (e.g. honey-thick, nectar-thick, thin, thickened.) of liquids or fluids served to the patient.

instruction (optional) String A sequence of Unicode characters

NutritionOrder_Supplement -
A request to supply a diet, formula feeding (enteral) or oral nutritional supplement to a patient/resident.

id (optional) String A sequence of Unicode characters

extension (optional) array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional) array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional) CodeableConcept

productName (optional) String A sequence of Unicode characters

_texture (optional) Element

NutritionOrder_Texture -

schedule (optional) array[Timing] The time period and frequency at which the supplement(s) should be given. The supplement should be given for the combination of all schedules if more than one schedule is present.

quantity (optional) Quantity

instruction (optional) String A sequence of Unicode characters

_instruction (optional) Element
A request to supply a diet, formula feeding (enteral) or oral nutritional supplement to a patient/resident.

id (optional)
- **String**: A sequence of Unicode characters

extension (optional)
- **array[Extension]**: May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
- **array[Extension]**: May be used to represent additional information that is not part of the basic definition of the element and that modifies the meaning of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

modifier (optional)
- **CodeableConcept**

foodType (optional)
- **CodeableConcept**

Observation -

Measurements and simple assertions made about a patient, device or other subject.

resourceType
- **oas_any_type_not_mapped**: This is a Observation resource

id (optional)
- **String**: Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefix OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
- **Meta**

implicitRules (optional)
- **String**: String of characters used to identify a name or a resource

_language (optional)
- **Element**: A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)
- **Element**

_contained (optional)
- **array[ResourceList]**: These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
- **array[Extension]**: May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier]
A unique identifier assigned to this observation.

basedOn (optional)
array[Reference]
A plan, proposal or order that is fulfilled in whole or in part by this event. For example, a MedicationRequest may require a patient to have laboratory test performed before it is dispensed.

partOf (optional)
array[Reference]
A larger event of which this particular Observation is a component or step. For example, an observation as part of a procedure.

status (optional)
String
The status of the result value.
Enum:
- registered
- preliminary
- final
- amended
- corrected
- cancelled
- entered-in-error
- unknown

status (optional)
Element

category (optional)
array[CodeableConcept]
A code that classifies the general type of observation being made.

code
CodeableConcept

subject (optional)
Reference

focus (optional)
array[Reference]
The actual focus of an observation when it is not the patient of record representing something or someone associated with the patient such as a spouse, parent, fetus, or donor. For example, fetus observations in a mother's record. The focus of an observation could also be an existing condition, an intervention, the subject's diet, another observation of the subject, or a body structure such as tumor or implanted device. An example use case would be using the Observation resource to capture whether the mother is trained to change her child's tracheostomy tube. In this example, the child is the patient of record and the mother is the focus.

encounter (optional)
Reference

effectiveDateTime (optional)
String
The time or time-period the observed value is asserted as being true. For biological subjects - e.g. human patients - this is usually called the "physiologically relevant time". This is usually either the time of the procedure or of specimen collection, but very often the source of the date/time is not known, only the date/time itself.

effectiveDateTime (optional)
Element

effectivePeriod (optional)
**effectiveTiming (optional)**
- **Timing**

**effectiveInstant (optional)**
- **String** The time or time-period the observed value is asserted as being true. For biological subjects - e.g. human patients - this is usually called the "physiologically relevant time". This is usually either the time of the procedure or of specimen collection, but very often the source of the date/time is not known, only the date/time itself.

**_effectiveInstant (optional)**
- **Element**

**issued (optional)**
- **String** An instant in time - known at least to the second

**_issued (optional)**
- **Element**

**performer (optional)**
- **array[Reference]** Who was responsible for asserting the observed value as "true".

**valueQuantity (optional)**
- **Quantity**

**valueCodeableConcept (optional)**
- **CodeableConcept**

**valueString (optional)**
- **String** The information determined as a result of making the observation, if the information has a simple value.

**_valueString (optional)**
- **Element**

**valueBoolean (optional)**
- **Boolean** The information determined as a result of making the observation, if the information has a simple value.

**_valueBoolean (optional)**
- **Element**

**valueInteger (optional)**
- **BigDecimal** The information determined as a result of making the observation, if the information has a simple value.

**_valueInteger (optional)**
- **Element**

**valueRange (optional)**
- **Range**

**valueRatio (optional)**
- **Ratio**

**valueSampledData (optional)**
- **SampledData**

**valueTime (optional)**
- **String** The information determined as a result of making the observation, if the information has a simple value.

**_valueTime (optional)**
- **Element**

**valueDateTime (optional)**
- **String** The information determined as a result of making the observation, if the information has a simple value.

**_valueDateTime (optional)**
- **Element**

**valuePeriod (optional)**
- **Period**

**dataAbsentReason (optional)**
- **CodeableConcept**
interpretation (optional)
  array[CodeableConcept] A categorical assessment of an observation value. For example, high, low, normal.

note (optional)
  array[Annotation] Comments about the observation or the results.

bodySite (optional)
  CodeableConcept

method (optional)
  CodeableConcept

specimen (optional)
  Reference

device (optional)
  Reference

referenceRange (optional)
  array[Observation_ReferenceRange] Guidance on how to interpret the value by comparison to a normal or recommended range. Multiple reference ranges are interpreted as an "OR". In other words, to represent two distinct target populations, two referenceRange elements would be used.

hasMember (optional)
  array[Reference] This observation is a group observation (e.g. a battery, a panel of tests, a set of vital sign measurements) that includes the target as a member of the group.

derivedFrom (optional)
  array[Reference] The target resource that represents a measurement from which this observation value is derived. For example, a calculated anion gap or a fetal measurement based on an ultrasound image.

component (optional)
  array[Observation_Component] Some observations have multiple component observations. These component observations are expressed as separate code value pairs that share the same attributes, Examples include systolic and diastolic component observations for blood pressure measurement and multiple component observations for genetics observations.

ObservationDefinition -
Set of definitional characteristics for a kind of observation or measurement produced or consumed by an orderable health care service.

resourceType
  oas_any_type_not_mapped This is a ObservationDefinition resource

id (optional)
  String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) ids are case-insensitive.

meta (optional)
  Meta

implicitRules (optional)
  String String of characters used to identify a name or a resource

  implicitRules (optional)
  Element

language (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

  language (optional)
  Element

text (optional)
  Narrative

  contained (optional)
  array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

category (optional)
array[CodeableConcept] A code that classifies the general type of observation.

code
CodeableConcept

identifier (optional)
array[Identifier] A unique identifier assigned to this ObservationDefinition artifact.

permittedDataType (optional)
array[String] The data types allowed for the value element of the instance observations conforming to this ObservationDefinition.

Enum:

_permittedDataType (optional)
array[Element] Extensions for permittedDataType

multipleResultsAllowed (optional)
Boolean Value of “true” or “false”

_multipleResultsAllowed (optional)
Element

method (optional)
CodeableConcept

preferredReportName (optional)
String A sequence of Unicode characters

_preferredReportName (optional)
Element

quantitativeDetails (optional)
ObservationDefinition_QuantitativeDetails

qualifiedInterval (optional)
array[ObservationDefinition_QualifiedInterval] Multiple ranges of results qualified by different contexts for ordinal or continuous observations conforming to this ObservationDefinition.

validCodedValueSet (optional)
Reference

normalCodedValueSet (optional)
Reference

abnormalCodedValueSet (optional)
Reference

criticalCodedValueSet (optional)
Reference

ObservationDefinition_QualifiedInterval -
Set of definitional characteristics for a kind of observation or measurement produced or consumed by an orderable health care service.

- **id (optional)**
  - **String** A sequence of Unicode characters

- **extension (optional)**
  - **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any Implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - **array[Extension]**

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

  To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any Implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **category (optional)**
  - **String** The category of interval of values for continuous or ordinal observations conforming to this ObservationDefinition.

    Enum:
    - reference
    - critical
    - absolute

- **_category (optional)**
  - **Element**

- **range (optional)**
  - **Range**

- **context (optional)**
  - **CodeableConcept**

- **appliesTo (optional)**
  - **array[CodeableConcept]** Codes to indicate the target population this reference range applies to.

- **gender (optional)**
  - **String** Sex of the population the range applies to.

    Enum:
    - male
    - female
    - other
    - unknown

- **_gender (optional)**
  - **Element**

- **age (optional)**
  - **Range**

- **gestationalAge (optional)**
  - **Range**

- **condition (optional)**
  - **String** A sequence of Unicode characters

- **_condition (optional)**
  - **Element**

ObservationDefinition_QuantitativeDetails - Set of definitional characteristics for a kind of observation or measurement produced or consumed by an orderable health care service.
id (optional)
   String A sequence of Unicode characters
extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
   array[Extension]
   May be used to represent additional information that is not part of the basic definition of the element
   and that modifies the understanding of the element in which it is contained and/or the understanding
   of the containing element’s descendants. Usually modifier elements provide negation or qualification.
   To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

customaryUnit (optional)
   CodeableConcept
unit (optional)
   CodeableConcept
conversionFactor (optional)
   BigDecimal A rational number with implicit precision
   _conversionFactor (optional)
   Element
decimalPrecision (optional)
   BigDecimal A whole number
   _decimalPrecision (optional)
   Element

Observation_Component -

Measurements and simple assertions made about a patient, device or other subject.

id (optional)
   String A sequence of Unicode characters
extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
   array[Extension]
   May be used to represent additional information that is not part of the basic definition of the element
   and that modifies the understanding of the element in which it is contained and/or the understanding
   of the containing element’s descendants. Usually modifier elements provide negation or qualification.
   To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

code
   CodeableConcept
valueQuantity (optional)

Quantity

valueCodeableConcept (optional)

CodeableConcept

valueString (optional)

String The information determined as a result of making the observation, if the information has a simple value.

_valueString (optional)

Element

valueBoolean (optional)

Boolean The information determined as a result of making the observation, if the information has a simple value.

_valueBoolean (optional)

Element

valueInteger (optional)

BigDecimal The information determined as a result of making the observation, if the information has a simple value.

_valueInteger (optional)

Element

valueRange (optional)

Range

valueRatio (optional)

Ratio

valueSampledData (optional)

SampledData

valueTime (optional)

String The information determined as a result of making the observation, if the information has a simple value.

_valueTime (optional)

Element

valueDateTime (optional)

String The information determined as a result of making the observation, if the information has a simple value.

_valueDateTime (optional)

Element

valuePeriod (optional)

Period

dataAbsentReason (optional)

CodeableConcept

interpretation (optional)

array[CodeableConcept] A categorical assessment of an observation value. For example, high, low, normal.

referenceRange (optional)

array[Observation_ReferenceRange] Guidance on how to interpret the value by comparison to a normal or recommended range.

Observation_ReferenceRange -

Measurements and simple assertions made about a patient, device or other subject.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**low (optional)**

*Quantity*

**high (optional)**

*Quantity*

**type (optional)**

*CodeableConcept*

**appliesTo (optional)**

array[CodeableConcept] Codes to indicate the target population this reference range applies to. For example, a reference range may be based on the normal population or a particular sex or race. Multiple appliesTo are interpreted as an ‘AND’ of the target populations. For example, to represent a target population of African American females, both a code of female and a code for African American would be used.

**age (optional)**

*Range*

**text (optional)**

*String* A sequence of Unicode characters

**_text (optional)**

*Element*

---

**OperationDefinition**

A formal computable definition of an operation (on the RESTful interface) or a named query (using the search interaction).

**resourceType**

*oas_any_type_not_mapped* This is a OperationDefinition resource

**id (optional)**

*String* Any combination of letters, numerals, ‘-’ and ‘.’, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

*Meta*

**implicitRules (optional)**

*String* String of characters used to identify a name or a resource

**_implicitRules (optional)**

*Element*

**language (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_language (optional)**

*Element*

**text (optional)**

*Narrative*

**contained (optional)**
These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**url (optional)**

*String* String of characters used to identify a name or a resource

**version (optional)**

*String* A sequence of Unicode characters

**name (optional)**

*String* A sequence of Unicode characters

**title (optional)**

*String* A sequence of Unicode characters

**status (optional)**

*String* The status of this operation definition. Enables tracking the life-cycle of the content.

Enum: `draft`, `active`, `retired`, `unknown`

**kind (optional)**

*String* Whether this is an operation or a named query.

Enum: `operation`, `query`

**experimental (optional)**

*Boolean* Value of “true” or “false”
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)
Element

publisher (optional)
String A sequence of Unicode characters

_publisher (optional)
Element

contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_description (optional)
Element

useContext (optional)
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate operation definition instances.

jurisdiction (optional)
array[CodeableConcept] A legal or geographic region in which the operation definition is intended to be used.

purpose (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_purpose (optional)
Element

affectsState (optional)
Boolean Value of “true” or “false”

_affectsState (optional)
Element

code (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_code (optional)
Element

comment (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_comment (optional)
Element

base (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

resource (optional)
array[String] The types on which this operation can be executed.

_resource (optional)
array[Element] Extensions for resource

system (optional)
Boolean Value of “true” or “false”

_system (optional)
Element

type (optional)
Boolean Value of "true" or "false"

_instance (optional)
Element
inputProfile (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

outputProfile (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

parameter (optional)

overload (optional)
array[OperationDefinition_Overload] Defines an appropriate combination of parameters to use when invoking this operation, to help code generators when generating overloaded parameter sets for this operation.

A formal computable definition of an operation (on the RESTful interface) or a named query (using the search interaction).

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. 

modifierExtension (optional)
array[Extension] 

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

strength (optional)
String Indicates the degree of conformance expectations associated with this binding - that is, the degree to which the provided value set must be adhered to in the instances.

Enum:
required
extensible
preferred
example

valueSet
String A URI that is a reference to a canonical URL on a FHIR resource

A formal computable definition of an operation (on the RESTful interface) or a named query (using the search interaction).

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

parameterName (optional)
array[String] Name of parameter to include in overload.
__parameterName (optional)
array[Element] Extensions for parameterName

comment (optional)
String A sequence of Unicode characters
__comment (optional)
Element

OperationDefinition_Parameter -
A formal computable definition of an operation (on the RESTful interface) or a named query (using the search interaction).

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

name (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents
__name (optional)
Element
use (optional)
String Whether this is an input or an output parameter.
Enum:
_use (optional)
   **Element**

min (optional)
   **BigDecimal** A whole number

max (optional)
   **Element**

documentation (optional)
   **String** A sequence of Unicode characters

documentation (optional)
   **Element**

type (optional)
   **String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

targetProfile (optional)
   **array[String]** Used when the type is "Reference" or "canonical", and identifies a profile structure or Implementation Guide that applies to the target of the reference this parameter refers to. If any profiles are specified, then the content must conform to at least one of them. The URL can be a local reference - to a contained StructureDefinition, or a reference to another StructureDefinition or Implementation Guide by a canonical URL. When an implementation guide is specified, the target resource SHALL conform to at least one profile defined in the implementation guide.

searchType (optional)
   **String** How the parameter is understood as a search parameter. This is only used if the parameter type is string.
   Enum:
   - number
   - date
   - string
   - token
   - reference
   - composite
   - quantity
   - uri
   - special

_searchType (optional)
   **Element**

binding (optional)
   **OperationDefinition_Binding**

referencedFrom (optional)
   **array[OperationDefinition_ReferencedFrom]** Identifies other resource parameters within the operation invocation that are expected to resolve to this resource.

part (optional)
   **array[OperationDefinition_Parameter]** The parts of a nested Parameter.

---

**OperationDefinition_ReferencedFrom**

A formal computable definition of an operation (on the RESTful interface) or a named query (using the search interaction).

id (optional)
   **String** A sequence of Unicode characters

extension (optional)
arrayExtension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
arrayExtension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

source (optional)
String A sequence of Unicode characters

source (optional)
Element

sourceId (optional)
String A sequence of Unicode characters

sourceId (optional)
Element

OperationOutcome -

A collection of error, warning, or information messages that result from a system action.

resourceType
oas_any_type_not_mapped This is a OperationOutcome resource

id (optional)
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
string A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
arrayExtension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

issue
array[OperationOutcome_Issue] An error, warning, or information message that results from a system action.

OperationOutcome_Issue -

A collection of error, warning, or information messages that result from a system action.

id (optional)
String A sequence of Unicode characters
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

severity (optional)
String Indicates whether the issue indicates a variation from successful processing.

Enum:
  fatal
error
warning
information

_code (optional)
Element

describes the type of the issue. The system that creates an OperationOutcome SHALL choose the most applicable code from the IssueType value set, and may additional provide its own code for the error in the details element.

Enum:
  invalid
  structure
  required
  value
  invariant
  security
  login
Organization -

A formally or informally recognized grouping of people or organizations formed for the purpose of achieving some form of collective action. Includes companies, institutions, corporations, departments, community groups, healthcare practice groups, payer/insurer, etc.

resourceType

This is a Organization resource

id (optional)

Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.
meta (optional)
   Meta
implicitRules (optional)
   String string of characters used to identify a name or a resource
   _implicitRules (optional)
   Element
language (optional)
   String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
   _language (optional)
   Element
text (optional)
   Narrative
contained (optional)
   array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.
extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
   Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
identifier (optional)
   array[Identifier] Identifier for the organization that is used to identify the organization across multiple disparate systems.
active (optional)
   Boolean Value of “true” or “false”
   _active (optional)
   Element
type (optional)
   array[CodeableConcept] The kind(s) of organization that this is.
name (optional)
   String A sequence of Unicode characters
   _name (optional)
   Element
alias (optional)
   array[String] A list of alternate names that the organization is known as, or was known as in the past.
   _alias (optional)
   array[Element] Extensions for alias
telecom (optional)
   array[ContactPoint] A contact detail for the organization.
address (optional)
   array[Address] An address for the organization.
partOf (optional)
  Reference

canact (optional)
  array[Organization_Contact] Contact for the organization for a certain purpose.

default (optional)
  array[Reference] Technical endpoints providing access to services operated for the organization.

OrganizationAffiliation -
Defines an affiliation/association/relationship between 2 distinct organizations, that is not a part-of relationship/subdivision relationship.

resourceType
  oas_any_type_not_mapped This is a OrganizationAffiliation resource

id (optional)
  String Any combination of letters, numerals, "-" and "," with a length limit of 64 characters. (This
  might be an integer, an unprefixd OID, UUID or any other identifier pattern that meets these
  constraints.) Ids are case-insensitive.

meta (optional)
  Meta

implicitRules (optional)
  String String of characters used to identify a name or a resource

language (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there
  is no whitespace other than single spaces in the contents

_extension (optional)
  Element

text (optional)
  Narrative

contained (optional)
  array[ResourceList] These resources do not have an independent existence apart from the resource
  that contains them - they cannot be identified independently, and nor can they have their own
  independent transaction scope.

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic
  definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
  governance applied to the definition and use of extensions. Though any implementer can define an
  extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

_modifierExtension (optional)
  array[Extension]

May be used to represent additional information that is not part of the basic
  definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the
  containing element's descendants. Usually modifier elements provide negation or qualification, to
  make the use of extensions safe and manageable, there is a strict set of governance applied to the
  definition and use of extensions. Though any implementer is allowed to define an extension, there is a
  set of requirements that SHALL be met as part of the definition of the extension. Applications
  processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

identifier (optional)
  array[Identifier] Business identifiers that are specific to this role.

active (optional)
  Boolean Value of "true" or "false"

_active (optional)
**Organization**

A formally or informally recognized grouping of people or organizations formed for the purpose of achieving some form of collective action. Includes companies, institutions, corporations, departments, community groups, healthcare practice groups, payer/insurer, etc.

- **id (optional)**
  - `String` A sequence of Unicode characters

- **extension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **purpose (optional)**
  - `CodeableConcept`

- **name (optional)**
  - `HumanName`

- **telecom (optional)**
  - `array[ContactPoint]` A contact detail (e.g. a telephone number or an email address) by which the party may be contacted.

- **address (optional)**
ParameterDefinition -

The parameters to the module. This collection specifies both the input and output parameters. Input parameters are provided by the caller as part of the `evaluate` operation. Output parameters are included in the `GuidanceResponse`.

id (optional)
  
  `String` A sequence of Unicode characters

extension (optional)
  
  `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

name (optional)
  
  `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

  _name (optional)
    
    `Element`

use (optional)
  
  `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

  _use (optional)
    
    `Element`

min (optional)
  
  `BigDecimal` A whole number

  _min (optional)
    
    `Element`

max (optional)
  
  `String` A sequence of Unicode characters

  _max (optional)
    
    `Element`

documentation (optional)
  
  `String` A sequence of Unicode characters

  _documentation (optional)
    
    `Element`

type (optional)
  
  `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

  _type (optional)
    
    `Element`

profile (optional)
  
  `String` A URI that is a reference to a canonical URL on a FHIR resource

Parameters -

This resource is a non-persisted resource used to pass information into and back from an `operation`. It has no other use, and there is no RESTful endpoint associated with it.

resourceType
  
  `oas_any_type_not_mapped` This is a Parameters resource

id (optional)
  
  `String` Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
  
  `Meta`
**Parameters_Parameter** -

This resource is a non-persisted resource used to pass information into and back from an operation. It has no other use, and there is no RESTful endpoint associated with it.

- **id** (optional)
  - **String** A sequence of Unicode characters

- **extension** (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension** (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **name** (optional)
  - **String** A sequence of Unicode characters

- **valueBase64Binary** (optional)
  - **String** If the parameter is a data type.

- **valueBoolean** (optional)
  - **Boolean** If the parameter is a data type.

- **valueCanonical** (optional)
  - **String** If the parameter is a data type.

- **valueCode** (optional)
  - **String** If the parameter is a data type.
valueDate (optional)

String If the parameter is a data type.

_valueDate (optional)

Element

valueDateTime (optional)

String If the parameter is a data type.

_valueDateTime (optional)

Element

valueDecimal (optional)

BigDecimal If the parameter is a data type.

_valueDecimal (optional)

Element

valueId (optional)

String If the parameter is a data type.

_valueId (optional)

Element

valueInstant (optional)

String If the parameter is a data type.

_valueInstant (optional)

Element

valueInteger (optional)

BigDecimal If the parameter is a data type.

_valueInteger (optional)

Element

valueMarkdown (optional)

String If the parameter is a data type.

_valueMarkdown (optional)

Element

valueOid (optional)

String If the parameter is a data type.

_valueOid (optional)

Element

valuePositiveInt (optional)

BigDecimal If the parameter is a data type.

_valuePositiveInt (optional)

Element

valueString (optional)

String If the parameter is a data type.

_valueString (optional)

Element

valueTime (optional)

String If the parameter is a data type.

_valueTime (optional)

Element

valueUnsignedInt (optional)

BigDecimal If the parameter is a data type.

_valueUnsignedInt (optional)

Element

valueUri (optional)

String If the parameter is a data type.

_valueUri (optional)

Element
valueUrl (optional)
  String  If the parameter is a data type.

  valueUrl (optional)
  Element

valueUuid (optional)
  String  If the parameter is a data type.

  valueUuid (optional)
  Element

valueAddress (optional)
  Address

valueAge (optional)
  Age

valueAnnotation (optional)
  Annotation

valueAttachment (optional)
  Attachment

valueCodeableConcept (optional)
  CodeableConcept

valueCoding (optional)
  Coding

valueContactPoint (optional)
  ContactPoint

valueCount (optional)
  Count

valueDistance (optional)
  Distance

valueDuration (optional)
  Duration

valueHumanName (optional)
  HumanName

valueIdentifier (optional)
  Identifier

valueMoney (optional)
  Money

valuePeriod (optional)
  Period

valueQuantity (optional)
  Quantity

valueRange (optional)
  Range

valueRatio (optional)
  Ratio

valueReference (optional)
  Reference

valueSampledData (optional)
  SampledData

valueSignature (optional)
  Signature

valueTiming (optional)
  Timing

valueContactDetail (optional)
  ContactDetail
valueContributor (optional)
Contributor

valueDataRequirement (optional)
DataRequirement

valueExpression (optional)
Expression

valueParameterDefinition (optional)
ParameterDefinition

valueRelatedArtifact (optional)
RelatedArtifact

valueTriggerDefinition (optional)
TriggerDefinition

valueUsageContext (optional)
UsageContext

valueDosage (optional)
Dosage

valueMeta (optional)
Meta

resource (optional)
ResourceList

part (optional)

Patient -

Demographics and other administrative information about an individual or animal receiving care or other health-related services.

resourceType
<oas_any_type_not_mapped> This is a Patient resource

id (optional)
String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
<Element>

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)
<Element>

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] An identifier for this patient.

active (optional)
Boolean Value of “true” or “false”

name (optional)
array[HumanName] A name associated with the individual.

telecom (optional)
array[ContactPoint] A contact detail (e.g. a telephone number or an email address) by which the individual may be contacted.

gender (optional)
String Administrative Gender - the gender that the patient is considered to have for administration and record keeping purposes.

Enum:

  male
  female
  other
  unknown

birthDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

deceasedBoolean (optional)
Boolean indicates if the individual is deceased or not.

dead (optional)
Element

dead (optional)
Element

dead (optional)
Element

maritalStatus (optional)
CodeableConcept

multipleBirth (optional)
Boolean indicates whether the patient is part of a multiple (boolean) or indicates the actual birth order (integer).
multipleBirth (optional)

Element

photo (optional)
array[Attachment] Image of the patient.

contact (optional)
array[Patient_Contact] A contact party (e.g. guardian, partner, friend) for the patient.

communication (optional)
array[Patient_Communication] A language which may be used to communicate with the patient about his or her health.

generalPractitioner (optional)

managingOrganization (optional)
Reference

link (optional)
array[Patient_Link] Link to another patient resource that concerns the same actual patient.

Patient_Communication -

Demographics and other administrative information about an individual or animal receiving care or other health-related services.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

language
CodeableConcept

preferred (optional)
Boolean Value of "true" or "false"

_preferred (optional)
Element

Patient_Contact -

Demographics and other administrative information about an individual or animal receiving care or other health-related services.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

relationship (optional)

array[CodeableConcept] The nature of the relationship between the patient and the contact person.

ame (optional)

HumanName
telecom (optional)

array[ContactPoint] A contact detail for the person, e.g. a telephone number or an email address.

date (optional)

Address
gender (optional)

String Administrative Gender - the gender that the contact person is considered to have for administration and record keeping purposes.

Enum:

- male
- female
- other
- unknown
gender (optional)

Element

organization (optional)

Reference

period (optional)

Period

Patient_Link -

Demographics and other administrative information about an individual or animal receiving care or other health-related services.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

Other

Reference

type (optional)

String The type of link between this patient resource and another patient resource.

Enum:
   replaced-by
   replaces
   refer
   seealso

_type (optional)

Element

PaymentNotice -

This resource provides the status of the payment for goods and services rendered, and the request and response resource references.

resourceType

oas_any_type_not_mapped This is a PaymentNotice resource

id (optional)

String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

_implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
PaymentReconciliation

This resource provides the details including amount of a payment and allocates the payment items being paid.

resourceType

This is a PaymentReconciliation resource

id (optional)

Any combination of letters, numerals, ".", and "_" with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

implicitRules (optional)

String of characters used to identify a name or a resource

implicitRules (optional)

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

(language (optional)
Element
text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] A unique identifier assigned to this payment reconciliation.

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_status (optional)
Element

period (optional)
Period

created (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_created (optional)
Element

paymentIssuer (optional)
Reference

request (optional)
Reference

requestor (optional)
Reference

outcome (optional)
String The outcome of a request for a reconciliation.

Enum:
- queued
- complete
- error
- partial

_outcome (optional)
**disposition (optional)**

**_disposition (optional)**

**paymentDate (optional)**

**_paymentDate (optional)**

**paymentAmount**

**paymentIdentifier (optional)**

**detail (optional)**

**formCode (optional)**

**processNote (optional)**

---

**PaymentReconciliation_Detail** -

This resource provides the details including amount of a payment and allocates the payment items being paid.

**id (optional)**

**extension (optional)**

**modifierExtension (optional)**

**identifier (optional)**

**predecessor (optional)**

**type**

**request (optional)**

**submitter (optional)**
response (optional)

Reference
date (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a
union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_date (optional)
Element
responsible (optional)
Reference
payee (optional)
Reference
amount (optional)
Money

PaymentReconciliation_ProcessNote -

This resource provides the details including amount of a payment and allocates the payment items being paid.

id (optional)
string A sequence of Unicode characters

type (optional)
String The business purpose of the note text.

_enum:
   display
   print
   printoper

_type (optional)
Element
text (optional)
String A sequence of Unicode characters

_Period -

A time period defined by a start and end date and optionally time.

id (optional)
string A sequence of Unicode characters
extension (optional)
extension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

start (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

_end (optional)
Element

date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

end (optional)
Element

Person -

Demographics and administrative information about a person independent of a specific health-related context.

resourceType
oas_any_type_not_mapped This is a Person resource

id (optional)
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource
that contains them - they cannot be identified independently, and nor can they have their own
independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource
and that modifies the understanding of the element that contains it and/or the understanding of the
containing element's descendants. Usually modifier elements provide negation or qualification. To
make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**
*array[Identifier]* Identifier for a person within a particular scope.

**name (optional)**
*array[HumanName]* A name associated with the person.

**telecom (optional)**
*array[ContactPoint]* A contact detail for the person, e.g. a telephone number or an email address.

**gender (optional)**
*String* Administrative Gender.

- *male*
- *female*
- *other*
- *unknown*

**birthDate (optional)**
*String* A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

**address (optional)**
*array[Address]* One or more addresses for the person.

**photo (optional)**
*Attachment*

**managingOrganization (optional)**
*Reference*

**active (optional)**
*Boolean* Value of “true” or “false”

**link (optional)**
*array[Person_Link]* Link to a resource that concerns the same actual person.

---

**Person_Link**

Demographics and administrative information about a person independent of a specific health-related context.

**id (optional)**
*String* A sequence of Unicode characters

**extension (optional)**
*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**
*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**target**

*Reference*

**assurance (optional)**

*String* Level of assurance that this link is associated with the target resource.

*Enum:*

- `level1`
- `level2`
- `level3`
- `level4`

**_assurance (optional)**

*Element*

---

### PlanDefinition -

This resource allows for the definition of various types of plans as a sharable, consumable, and executable artifact. The resource is general enough to support the description of a broad range of clinical artifacts such as clinical decision support rules, order sets and protocols.

*resourceType*

`oas_any_type_not_mapped` This is a PlanDefinition resource

*id (optional)*

*String* Any combination of letters, numerals, “.” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

*meta (optional)*

*Meta*

*implicitRules (optional)*

*String* String of characters used to identify a name or a resource

**_implicitRules (optional)**

*Element*

*language (optional)*

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_language (optional)**

*Element*

*text (optional)*

*Narrative*

*contained (optional)*

*array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

*extension (optional)*

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

*modifierExtension (optional)*

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on a resource or a domain resource (including cannot change the meaning of modifierExtension itself).

url (optional)

String A string of characters used to identify a name or a resource

_url (optional)

Element

identifier (optional)

A formal identifier that is used to identify this plan definition when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)

String A sequence of Unicode characters

_version (optional)

Element

name (optional)

String A sequence of Unicode characters

_name (optional)

Element

title (optional)

String A sequence of Unicode characters

_title (optional)

Element

subtitle (optional)

String A sequence of Unicode characters

_subtitle (optional)

Element

type (optional)

CodeableConcept

status (optional)

String The status of this plan definition. Enables tracking the life-cycle of the content.

Enum:

draft
active
retired
unknown

_status (optional)

Element

experimental (optional)

Boolean Value of "true" or "false"

_experimental (optional)

Element

subjectCodeableConcept (optional)

CodeableConcept

subjectReference (optional)

Reference
date (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

date (optional)

Element

publisher (optional)

String A sequence of Unicode characters

_publisher (optional)

Element
contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)
Element

useContext (optional)
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate plan definition instances.

jurisdiction (optional)
array[CodeableConcept] A legal or geographic region in which the plan definition is intended to be used:

_purpose (optional)
Element

purpose (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_purpose (optional)
Element

usage (optional)
String A sequence of Unicode characters

_usage (optional)
Element

copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

__copyright (optional)
Element

approvalDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

__approvalDate (optional)
Element

lastReviewDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

__lastReviewDate (optional)
Element

effectivePeriod (optional)
Period

topic (optional)
array[CodeableConcept] Descriptive topics related to the content of the plan definition. Topics provide a high-level categorization of the definition that can be useful for filtering and searching.

author (optional)
array[ContactDetail] An individual or organization primarily involved in the creation and maintenance of the content.

editor (optional)
array[ContactDetail] An individual or organization primarily responsible for internal coherence of the content.

reviewer (optional)
array[ContactDetail] An individual or organization primarily responsible for review of some aspect of the content.

endorser (optional)
array[ContactDetail] An individual or organization responsible for officially endorsing the content for use in some setting.
relatedArtifact (optional)
array[RelatedArtifact] Related artifacts such as additional documentation, justification, or bibliographic references.

library (optional)
array[String] A reference to a Library resource containing any formal logic used by the plan definition.

goal (optional)
array[PlanDefinition_Goal] Goals that describe what the activities within the plan are intended to achieve. For example, weight loss, restoring an activity of daily living, obtaining herd immunity via immunization, meet a process improvement objective, etc.

action (optional)
array[PlanDefinition_Action] An action or group of actions to be taken as part of the plan.

PlanDefinition_Action

This resource allows for the definition of various types of plans as a sharable, consumable, and executable artifact. The resource is general enough to support the description of a broad range of clinical artifacts such as clinical decision support rules, order sets and protocols.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

prefix (optional)
String A sequence of Unicode characters

_title (optional)
String A sequence of Unicode characters

description (optional)
String A sequence of Unicode characters

textEquivalent (optional)
String A sequence of Unicode characters
code (optional)  
array[CodeableConcept] A code that provides meaning for the action or action group. For example, a section may have a LOINC code for the section of a documentation template.

reason (optional)  
array[CodeableConcept] A description of why this action is necessary or appropriate.

documentation (optional)  
array[RelatedArtifact] Didactic or other informational resources associated with the action that can be provided to the CDS recipient. Information resources can include inline text commentary and links to web resources.

goalId (optional)  
array[String] Identifies goals that this action supports. The reference must be to a goal element defined within this plan definition.

_goalId (optional)  
array[Element] Extensions for goalId

subjectCodeableConcept (optional)  
CodeableConcept

subjectReference (optional)  
Reference

trigger (optional)  
array[TriggerDefinition] A description of when the action should be triggered.

condition (optional)  
array[PlanDefinition.Condition] An expression that describes applicability criteria or start/stop conditions for the action.

input (optional)  
array[DataRequirement] Defines input data requirements for the action.

output (optional)  
array[DataRequirement] Defines the outputs of the action, if any.

relatedAction (optional)  
array[PlanDefinition.RelatedAction] A relationship to another action such as "before" or "30-60 minutes after start of ."

timingDateTime (optional)  
String An optional value describing when the action should be performed.

_timingDateTime (optional)  
Element

timingAge (optional)  
Age

timingPeriod (optional)  
Period

timingDuration (optional)  
Duration

timingRange (optional)  
Range

timingTiming (optional)  
Timing

participant (optional)  
array[PlanDefinition.Participant] Indicates who should participate in performing the action described.

type (optional)  
CodeableConcept

groupingBehavior (optional)  
string Defines the grouping behavior for the action and its children.

Enum:
visual-group
logical-group
sentence-group
groupingBehavior (optional)
Element

selectionBehavior (optional)
String Defines the selection behavior for the action and its children.

Element

requiredBehavior (optional)
String Defines the required behavior for the action.

Element

precheckBehavior (optional)
String Defines whether the action should usually be preselected.

Element

cardinalityBehavior (optional)
String Defines whether the action can be selected multiple times.

Element

definitionCanonical (optional)
String A reference to an ActivityDefinition that describes the action to be taken in detail, or a PlanDefinition that describes a series of actions to be taken.

Element

definitionUri (optional)
String A reference to an ActivityDefinition that describes the action to be taken in detail, or a PlanDefinition that describes a series of actions to be taken.

Element

transform (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

dynamicValue (optional)
array[PlanDefinition_DynamicValue] Customizations that should be applied to the statically defined resource. For example, if the dosage of a medication must be computed based on the patient's weight, a customization would be used to specify an expression that calculated the weight, and the path on the resource that would contain the result.

Element

action (optional)
array[PlanDefinition_Action] Sub actions that are contained within the action. The behavior of this action determines the functionality of the sub-actions. For example, a selection behavior of at-most-one indicates that of the sub-actions, at most one may be chosen as part of realizing the action definition.
PlanDefinition_Condition -

This resource allows for the definition of various types of plans as a sharable, consumable, and executable artifact. The resource is general enough to support the description of a broad range of clinical artifacts such as clinical decision support rules, order sets and protocols.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

kind (optional)
String The kind of condition.
Enum:
  applicability
  start
  stop

expression (optional)
Expression

PlanDefinition_DynamicValue -

This resource allows for the definition of various types of plans as a sharable, consumable, and executable artifact. The resource is general enough to support the description of a broad range of clinical artifacts such as clinical decision support rules, order sets and protocols.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
PlanDefinition_Goal -

This resource allows for the definition of various types of plans as a sharable, consumable, and executable artifact. The resource is general enough to support the description of a broad range of clinical artifacts such as clinical decision support rules, order sets and protocols.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

category (optional)
CodeableConcept

description
CodeableConcept

priority (optional)
CodeableConcept

start (optional)
CodeableConcept

addresses (optional)
array[CodeableConcept] Identifies problems, conditions, issues, or concerns the goal is intended to address.

documentation (optional)
array[RelatedArtifact] Didactic or other informational resources associated with the goal that provide further supporting information about the goal. Information resources can include inline text commentary and links to web resources.

target (optional)
array[PlanDefinition_Target] Indicates what should be done and within what timeframe.

PlanDefinition_Participant -

This resource allows for the definition of various types of plans as a sharable, consumable, and executable artifact. The resource is general enough to support the description of a broad range of clinical artifacts such as clinical decision support rules, order sets and protocols.

id (optional)
String A sequence of Unicode characters
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
String The type of participant in the action.
Enum:
  patient
  practitioner
  related-person
  device

_role (optional)
Element

PlanDefinition_RelatedAction

This resource allows for the definition of various types of plans as a sharable, consumable, and executable artifact. The resource is general enough to support the description of a broad range of clinical artifacts such as clinical decision support rules, order sets and protocols.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

actionId (optional)
String Any combination of letters, numerals, "," and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_actionId (optional)
Element

relationship (optional)

String The relationship of this action to the related action.

Enum:
  - before-start
  - before
  - before-end
  - concurrent-with-start
  - concurrent
  - concurrent-with-end
  - after-start
  - after
  - after-end

_offsetDuration (optional)

Duration

_offsetRange (optional)

Range

PlanDefinition_Target -

This resource allows for the definition of various types of plans as a sharable, consumable, and executable artifact. The resource is general enough to support the description of a broad range of clinical artifacts such as clinical decision support rules, order sets and protocols.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

measure (optional)

CodeableConcept
detailQuantity (optional)

Quantity
detailRange (optional)

Range
detailCodeableConcept (optional)

CodeableConcept
due (optional)

Duration

Population -

A population of people with some set of grouping criteria.
id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

ageRange (optional)

Range

ageCodeableConcept (optional)

CodeableConcept
gender (optional)

CodeableConcept

race (optional)

CodeableConcept

physiologicalCondition (optional)

CodeableConcept

Practitioner -

A person who is directly or indirectly involved in the provisioning of healthcare.

resourceType

oas_any_type_not_mapped This is a Practitioner resource

id (optional)

String Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

 language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

 text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource
that contains them - they cannot be identified independently, and nor can they have their own
independent transaction scope.
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] An identifier that applies to this person in this role.

active (optional)

Boolean Value of “true” or “false”

_active (optional)

Element

name (optional)

array[HumanName] The name(s) associated with the practitioner.

telecom (optional)

array[ContactPoint] A contact detail for the practitioner, e.g. a telephone number or an email address.

address (optional)

array[Address] Address(es) of the practitioner that are not role specific (typically home address). Work addresses are not typically entered in this property as they are usually role dependent.

gender (optional)

String Administrative Gender - the gender that the person is considered to have for administration and record keeping purposes.

Enum:

- male
- female
- other
- unknown

_gender (optional)

Element

birthDate (optional)

String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_birthDate (optional)

Element

photo (optional)

array[Attachment] Image of the person.

qualification (optional)

array[Practitioner_Qualification] The official certifications, training, and licenses that authorize or otherwise pertain to the provision of care by the practitioner. For example, a medical license issued by a medical board authorizing the practitioner to practice medicine within a certain locality.

communication (optional)

array[CodeableConcept] A language the practitioner can use in patient communication.

PractitionerRole -
A specific set of roles/locations/specialties/services that a practitioner may perform at an organization for a period of time.

resourceType `oas__any_type_not_mapped` This is a PractitionerRole resource

id (optional) 
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional) 
Meta

implicitRules (optional) 
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional) 
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional) 
Narrative

contained (optional) 
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional) 
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional) 
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional) 
array[Identifier] Business Identifiers that are specific to a role/location.

active (optional) 
Boolean Value of "true" or "false"

_active (optional) 
Element

period (optional) 
Period

practitioner (optional) 
Reference

organization (optional) 
Reference

code (optional) 
array[CodeableConcept] Roles which this practitioner is authorized to perform for the organization.
specialty (optional)
array[CodeableConcept] Specific specialty of the practitioner.

location (optional)
array[Reference] The location(s) at which this practitioner provides care.

healthcareService (optional)
array[Reference] The list of healthcare services that this worker provides for this role's Organization/Location(s).

telecom (optional)
array[ContactPoint] Contact details that are specific to the role/location/service.

availableTime (optional)
array[PractitionerRole_AvailableTime] A collection of times the practitioner is available or performing this role at the location and/or healthcareService.

notAvailable (optional)
array[PractitionerRole_NotAvailable] The practitioner is not available or performing this role during this period of time due to the provided reason.

availabilityExceptions (optional)
String A sequence of Unicode characters

endpoint (optional)
array[Reference] Technical endpoints providing access to services operated for the practitioner with this role.

PractitionerRole_AvailableTime -
A specific set of Roles/Locations/specialties/services that a practitioner may perform at an organization for a period of time.

id (optional)
String A sequence of Unicode characters

title (optional)
String A sequence of Unicode characters

telecom (optional)
array[ContactPoint] Contact details that are specific to the role/location/service.

system (optional)
String A sequence of Unicode characters

use (optional)
String Value of “clinical” or “research”

value (optional)
String A sequence of Unicode characters

concept (optional)
CodeableConcept A specific CodeableConcept element for the description of the service.

modifierExtension (optional)
array[Element] Extensions for daysOfWeek

daysOfWeek (optional)
array[String] Indicates which days of the week are available between the start and end Times.

daysOfWeek (optional)
array[Element] Extensions for daysOfWeek

allDay (optional)
Boolean Value of “true” or “false”

availableStartTime (optional)
String A time during the day, with no date specified
PractitionerRole_NotAvailable -
A specific set of Roles/Locations/specialties/services that a practitioner may perform at an organization for a period of time.

- id (optional)
  String A sequence of Unicode characters

- extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

- description (optional)
  String A sequence of Unicode characters

- _description (optional)
  Element

Practitioner_Qualification -
A person who is directly or indirectly involved in the provisioning of healthcare.

- id (optional)
  String A sequence of Unicode characters

- extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**
- An identifier that applies to this person's qualification in this role.

- **code**
  - CodeableConcept

- **period (optional)**
  - Period

- **issuer (optional)**
  - Reference

### Procedure

An action that is or was performed on or for a patient. This can be a physical intervention like an operation, or less invasive like long term services, counseling, or hypnotherapy.

- **resourceType**
  - oas_any_type_not_mapped
    - This is a Procedure resource

- **id (optional)**
  - String
    - Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta (optional)**
  - Meta

- **implicitRules (optional)**
  - String
    - String of characters used to identify a name or a resource

- **language (optional)**
  - String
    - A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **text (optional)**
  - Narrative

- **contained (optional)**
  - array[ResourceList]
    - These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension (optional)**
  - array[Extension]
    - May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - array[Extension]
    - May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **identifier (optional)**
business identifiers assigned to this procedure by the performer or other systems which remain constant as the resource is updated and is propagated from server to server.

instantiatesCanonical (optional)
array[String] The URL pointing to a FHIR-defined protocol, guideline, order set or other definition that is adhered to in whole or in part by this Procedure.

instantiatesUri (optional)
array[String] The URL pointing to an externally maintained protocol, guideline, order set or other definition that is adhered to in whole or in part by this Procedure.

__instantiatesUri (optional)
array[Element] Extensions for instantiatesUri

basedOn (optional)
array[Reference] A reference to a resource that contains details of the request for this procedure.

partOf (optional)
array[Reference] A larger event of which this particular procedure is a component or step.

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

__status (optional)
Element

statusReason (optional)
CodeableConcept

category (optional)
CodeableConcept

code (optional)
CodeableConcept

subject
Reference

encounter (optional)
Reference

performedDateTime (optional)
String Estimated or actual date, date-time, period, or age when the procedure was performed. Allows a period to support complex procedures that span more than one date, and also allows for the length of the procedure to be captured.

__performedDateTime (optional)
Element

performedPeriod (optional)
Period

performedString (optional)
String Estimated or actual date, date-time, period, or age when the procedure was performed. Allows a period to support complex procedures that span more than one date, and also allows for the length of the procedure to be captured.

__performedString (optional)
Element

performedAge (optional)
Age

performedRange (optional)
Range

recorder (optional)
Reference

asserter (optional)
Reference

performer (optional)
array[Procedure_Performer] Limited to "real" people rather than equipment.

location (optional)
Reference
Reason Code (optional)

`array[CodeableConcept]` The coded reason why the procedure was performed. This may be a coded entity of some type, or may simply be present as text.

Reason Reference (optional)

`array[Reference]` The justification of why the procedure was performed.

Body Site (optional)

`array[CodeableConcept]` Detailed and structured anatomical location information. Multiple locations are allowed - e.g. multiple punch biopsies of a lesion.

Outcome (optional)

`CodeableConcept` report (optional)

`array[Reference]` This could be a histology result, pathology report, surgical report, etc.

Complication (optional)

`array[CodeableConcept]` Any complications that occurred during the procedure, or in the immediate post-performance period. These are generally tracked separately from the notes, which will typically describe the procedure itself rather than any 'post procedure' issues.

Complication Detail (optional)

`array[Reference]` Any complications that occurred during the procedure, or in the immediate post-performance period.

Follow Up (optional)

`array[CodeableConcept]` If the procedure required specific follow up - e.g. removal of sutures. The follow up may be represented as a simple note or could potentially be more complex, in which case the CarePlan resource can be used.

Note (optional)

`array[Annotation]` Any other notes and comments about the procedure.

Focal Device (optional)

`array[Procedure_FocalDevice]` A device that is implanted, removed or otherwise manipulated (calibration, battery replacement, fitting a prosthesis, attaching a wound-vac, etc.) as a focal portion of the Procedure.

Used Reference (optional)

`array[Reference]` Identifies medications, devices and any other substance used as part of the procedure.

Used Code (optional)

`array[CodeableConcept]` Identifies coded items that were used as part of the procedure.

Procedure_FocalDevice -

An action that is or was performed on or for a patient. This can be a physical intervention like an operation, or less invasive like long term services, counseling, or hypnotherapy.

Id (optional)

`String` A sequence of Unicode characters

Extension (optional)

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

Modifier Extension (optional)

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
Procedure_Performer -

An action that is or was performed on or for a patient. This can be a physical intervention like an operation, or less invasive like long term services, counseling, or hypnotherapy.

- id (optional)
  - String: A sequence of Unicode characters
- extension (optional)
  - array[Extension]: May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- modifierExtension (optional)
  - array[Extension]: May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

ProdCharacteristic -

The marketing status describes the date when a medicinal product is actually put on the market or the date as of which it is no longer available.

- id (optional)
  - String: A sequence of Unicode characters
- extension (optional)
  - array[Extension]: May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- modifierExtension (optional)
  - array[Extension]: May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.
height (optional)
  Quantity
width (optional)
  Quantity
depth (optional)
  Quantity
weight (optional)
  Quantity
nominalVolume (optional)
  Quantity
externalDiameter (optional)
  Quantity
shape (optional)
  String A sequence of Unicode characters
  _shape (optional)
    Element
color (optional)
  array[String]
    Where applicable, the color can be specified. An appropriate controlled vocabulary shall be used. The term and the term identifier shall be used.
  _color (optional)
    array[Element]
      Extensions for color
imprint (optional)
  array[String]
    Where applicable, the imprint can be specified as text.
  _imprint (optional)
    array[Element]
      Extensions for imprint
image (optional)
  array[Attachment]
    Where applicable, the image can be provided. The format of the image attachment shall be specified by regional implementations.
scoring (optional)
  CodeableConcept

ProductShelfLife -

The shelf-life and storage information for a medicinal product item or container can be described using this class.

id (optional)
  String A sequence of Unicode characters
extension (optional)
  array[Extension]
    May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
  array[Extension]
    May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
**Provenance**

Provenance of a resource is a record that describes entities and processes involved in producing and delivering or otherwise influencing that resource. Provenance provides a critical foundation for assessing authenticity, enabling trust, and allowing reproducibility. Provenance assertions are a form of contextual metadata and can themselves become important records with their own provenance. Provenance statement indicates clinical significance in terms of confidence in authenticity, reliability, and trustworthiness, integrity, and stage in lifecycle (e.g. Document Completion - has the artifact been legally authenticated), all of which may impact security, privacy, and trust policies.

**resourceType**

`oas_any_type_not_mapped` This is a Provenance resource

**id (optional)**

`String` Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

**implicitRules (optional)**

`String` String of characters used to identify a name or a resource

**_implicitRules (optional)**

`Element`

**language (optional)**

`String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_language (optional)**

`Element`

**text (optional)**

`Narrative`

**contained (optional)**

`array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

**target**

Note: This page is an excerpt from a larger document and contains partial content. For a complete understanding, please refer to the full document.
array[Reference] The reference(s) that were generated or updated by the activity described in this resource. A provenance can point to more than one target if multiple resources were created/updated by the same activity.

occurredPeriod (optional)

Period

occurredDateTime (optional)

String The period during which the activity occurred.

_occurredDateTime (optional)

Element

recorded (optional)

String An instant in time - known at least to the second

__recorded (optional)

Element

policy (optional)

array[String] Policy or plan the activity was defined by. Typically, a single activity may have multiple applicable policy documents, such as patient consent, guarantor funding, etc.

__policy (optional)

array[Element] Extensions for policy

location (optional)

Reference

reason (optional)

array[CodeableConcept] The reason that the activity was taking place.

activity (optional)

CodeableConcept

agent

array[Provenance_Agent] An actor taking a role in an activity for which it can be assigned some degree of responsibility for the activity taking place.

entity (optional)

array[Provenance_Entity] An entity used in this activity.

signature (optional)

array[Signature] A digital signature on the target Reference(s). The signer should match a Provenance.agent. The purpose of the signature is indicated.

Provenance_Agent -

Provenance of a resource is a record that describes entities and processes involved in producing and delivering or otherwise influencing that resource. Provenance provides a critical foundation for assessing authenticity, enabling trust, and allowing reproducibility. Provenance assertions are a form of contextual metadata and can themselves become important records with their own provenance. Provenance statement indicates clinical significance in terms of confidence in authenticity, reliability, and trustworthiness, integrity, and stage in lifecycle (e.g. Document Completion - has the artifact been legally authenticated), all of which may impact security, privacy, and trust policies.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
  CodeableConcept
role (optional)
  array[CodeableConcept] The function of the agent with respect to the activity. The security role enabling the agent with respect to the activity.
who
  Reference
onBehalfOf (optional)
  Reference

Provenance_Entity -

Provenance of a resource is a record that describes entities and processes involved in producing and delivering or otherwise influencing that resource. Provenance provides a critical foundation for assessing authenticity, enabling trust, and allowing reproducibility. Provenance assertions are a form of contextual metadata and can themselves become important records with their own provenance. Provenance statement indicates clinical significance in terms of confidence in authenticity, reliability, and trustworthiness, integrity, and stage in lifecycle (e.g. Document Completion - has the artifact been legally authenticated), all of which may impact security, privacy, and trust policies.

id (optional)
  String A sequence of Unicode characters
extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

role (optional)
  String How the entity was used during the activity.
    Enum:
      derivation
      revision
      quotation
      source
      removal

role (optional)
  Element
what
  Reference
agent (optional)
  array[Provenance_Agent] The entity is attributed to an agent to express the agent’s responsibility for that entity, possibly along with other agents. This description can be understood as shorthand for saying that the agent was responsible for the activity which generated the entity.
A measured amount (or an amount that can potentially be measured). Note that measured amounts include amounts that are not precisely quantified, including amounts involving arbitrary units and floating currencies.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

value (optional)

BigDecimal A rational number with implicit precision

_value (optional)

Element

comparator (optional)

String How the value should be understood and represented - whether the actual value is greater or less than the stated value due to measurement issues; e.g. if the comparator is "<", then the real value is < stated value.

Enum:

<

<=

>=

>

_comparator (optional)

Element

unit (optional)

String A sequence of Unicode characters

_unit (optional)

Element

system (optional)

String String of characters used to identify a name or a resource

_system (optional)

Element

code (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_code (optional)

Element

Questionnaire -

A structured set of questions intended to guide the collection of answers from end-users. Questionnaires provide detailed control over order, presentation, phraseology and grouping to allow coherent, consistent data collection.

resourceType

oas_any_type_not_mapped This is a Questionnaire resource

id (optional)

String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional) String String of characters used to identify a name or a resource

_implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)

String string of characters used to identify a name or a resource

_url (optional)

Element

identifier (optional)

array[Identifier] A formal identifier that is used to identify this questionnaire when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)

String A sequence of Unicode characters

_version (optional)

Element

name (optional)

String A sequence of Unicode characters

_name (optional)

Element

title (optional)

String A sequence of Unicode characters

_title (optional)

Element

derivedFrom (optional)

array[String] The URL of a Questionnaire that this Questionnaire is based on.

status (optional)

String The status of this questionnaire. Enables tracking the life-cycle of the content.

Enum:
draft
active
retired
unknown

_status (optional)

Element

experimental (optional)
Boolean value of ‘true’ or ‘false’

_experimental (optional)

_Element

subjectType (optional)

_array[String] The types of subjects that can be the subject of responses created for the questionnaire.

_subjectType (optional)

_array[Element] Extensions for subjectType

date (optional)

_String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)

_Element

_publisher (optional)

_String A sequence of Unicode characters

_publisher (optional)

_Element

_contact (optional)

_array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)

_String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_description (optional)

_Element

_useContext (optional)

_array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate questionnaire instances.

_jurisdiction (optional)

_array[CodeableConcept] A legal or geographic region in which the questionnaire is intended to be used.

_purpose (optional)

_String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_purpose (optional)

_Element

_copyright (optional)

_String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_copyright (optional)

_Element

_approvalDate (optional)

_String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_approvalDate (optional)

_Element

_lastReviewDate (optional)

_String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_lastReviewDate (optional)

_Element

_effectivePeriod (optional)

_Period

_code (optional)
QuestionnaireResponse

A structured set of questions and their answers. The questions are ordered and grouped into coherent subsets, corresponding to the structure of the grouping of the questionnaire being responded to.

resourceType

This is a QuestionnaireResponse resource

id (optional)

Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

meta (optional)

implicitRules (optional)

String String of characters used to identify a name or a resource

_language (optional)

Element A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

Identifier

basedOn (optional)

array[Reference] The order, proposal or plan that is fulfilled in whole or in part by this QuestionnaireResponse. For example, a ServiceRequest seeking an intake assessment or a decision support recommendation to assess for post-partum depression.

partOf (optional)
questionnaire (optional)

String

A procedure or observation that this questionnaire was performed as part of the execution of. For example, the surgery a checklist was executed as part of.

status (optional)

String

The position of the questionnaire response within its overall lifecycle.

Enumerations:

- in-progress
- completed
- amended
- entered-in-error
- stopped

subject (optional)

Reference

An encounter (optional)

Reference

authored (optional)

String

A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_authorized (optional)

Element

author (optional)

Reference

source (optional)

Reference

item (optional)

array[QuestionnaireResponse_Item]

A group or question item from the original questionnaire for which answers are provided.

QuestionnaireResponse_Answer

A structured set of questions and their answers. The questions are ordered and grouped into coherent subsets, corresponding to the structure of the grouping of the questionnaire being responded to.

id (optional)

String

A sequence of Unicode characters

extension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

valueBoolean (optional)

Boolean

The answer (or one of the answers) provided by the respondent to the question.
Element

value (optional)

Boolean

valueDecimal (optional)

BigDecimal

The answer (or one of the answers) provided by the respondent to the question.

valueInteger (optional)

BigDecimal

The answer (or one of the answers) provided by the respondent to the question.

valueDate (optional)

String

The answer (or one of the answers) provided by the respondent to the question.

valueDateTime (optional)

String

The answer (or one of the answers) provided by the respondent to the question.

valueTime (optional)

String

The answer (or one of the answers) provided by the respondent to the question.

valueString (optional)

String

The answer (or one of the answers) provided by the respondent to the question.

valueUri (optional)

String

The answer (or one of the answers) provided by the respondent to the question.

valueAttachment (optional)

Attachment

valueCoding (optional)

Coding

valueQuantity (optional)

Quantity

valueReference (optional)

Reference

item (optional)

Array[QuestionnaireResponse_Item] Nested groups and/or questions found within this particular answer.

QuestionnaireResponse_Item

A structured set of questions and their answers. The questions are ordered and grouped into coherent subsets, corresponding to the structure of the grouping of the questionnaire being responded to.

id (optional)

String A sequence of Unicode characters

extension (optional)

Array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

linkId (optional)
String A sequence of Unicode characters

_extension (optional)
Element

definition (optional)
String String of characters used to identify a name or a resource

_text (optional)
Element
text (optional)
String A sequence of Unicode characters

_array[QuestionnaireResponse_Answer] The respondent's answer(s) to the question.

item (optional)
array[QuestionnaireResponse_Item] Questions or sub-groups nested beneath a question or group.

Questionnaire_AnswerOption -

A structured set of questions intended to guide the collection of answers from end-users. Questionnaires provide detailed control over order, presentation, phraseology and grouping to allow coherent, consistent data collection.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

valueInteger (optional)
BigDecimal A potential answer that's allowed as the answer to this question.

_valueInteger (optional)
Element

tvalueDate (optional)
_valueDate (optional)

Element
'valueTime (optional)

String A potential answer that's allowed as the answer to this question.

_valueTime (optional)

Element
'valueString (optional)

String A potential answer that's allowed as the answer to this question.

_valueString (optional)

Element
valueCoding (optional)

Coding
valueReference (optional)

Reference
initialSelected (optional)

Boolean Value of “true” or “false”
_initialSelected (optional)

Element

Questionnaire_EnableWhen -

A structured set of questions intended to guide the collection of answers from end-users. Questionnaires provide detailed control over order, presentation, phraseology and grouping to allow coherent, consistent data collection.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

question (optional)

String A sequence of Unicode characters

_question (optional)

Element
operator (optional)

String specifies the criteria by which the question is enabled.

Enum:

exists

=

!=

>

<

>=

<=
operator (optional)

answerBoolean (optional)

Element

A value that the referenced question is tested using the specified operator in order for the item to be enabled.

answerDecimal (optional)

BigDecimal

A value that the referenced question is tested using the specified operator in order for the item to be enabled.

answerInteger (optional)

BigDecimal

A value that the referenced question is tested using the specified operator in order for the item to be enabled.

answerDate (optional)

String

A value that the referenced question is tested using the specified operator in order for the item to be enabled.

answerDateTime (optional)

String

A value that the referenced question is tested using the specified operator in order for the item to be enabled.

answerTime (optional)

String

A value that the referenced question is tested using the specified operator in order for the item to be enabled.

answerString (optional)

String

A value that the referenced question is tested using the specified operator in order for the item to be enabled.

answerCoding (optional)

Coding

answerQuantity (optional)

Quantity

answerReference (optional)

Reference

Questionnaire_Initial -

A structured set of questions intended to guide the collection of answers from end-users. Questionnaires provide detailed control over order, presentation, phraseology and grouping to allow coherent, consistent data collection.

id (optional)

String

A sequence of Unicode characters

extension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

valueBoolean (optional)

Boolean The actual value to for an initial answer.

_valueBoolean (optional)

Element

valueDecimal (optional)

BigDecimal The actual value to for an initial answer.

_valueDecimal (optional)

Element

valueInteger (optional)

BigDecimal The actual value to for an initial answer.

_valueInteger (optional)

Element

valueDate (optional)

String The actual value to for an initial answer.

_valueDate (optional)

Element

valueDateTime (optional)

String The actual value to for an initial answer.

_valueDateTime (optional)

Element

valueTime (optional)

String The actual value to for an initial answer.

_valueTime (optional)

Element

valueString (optional)

String The actual value to for an initial answer.

_valueString (optional)

Element

valueUri (optional)

String The actual value to for an initial answer.

_valueUri (optional)

Element

valueAttachment (optional)

Attachment

valueCoding (optional)

Coding

valueQuantity (optional)

Quantity

valueReference (optional)

Reference
**Questionnaire_Item**

A structured set of questions intended to guide the collection of answers from end-users. Questionnaires provide detailed control over order, presentation, phraseology and grouping to allow coherent, consistent data collection.

- **id** (optional)
  - *String* A sequence of Unicode characters

- **extension** (optional)
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension** (optional)
  - *array[Extension]*
    - May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
    
    Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **linkId** (optional)
  - *String* A sequence of Unicode characters

- **definition** (optional)
  - *Element*

- **code** (optional)
  - *array[Coding]* A terminology code that corresponds to this group or question (e.g. a code from LOINC, which defines many questions and answers).

- **prefix** (optional)
  - *String* A sequence of Unicode characters

- **text** (optional)
  - *String* A sequence of Unicode characters

- **type** (optional)
  - *String* The type of questionnaire item this is - whether text for display, a grouping of other items or a particular type of data to be captured (string, integer, coded choice, etc.).

  Enum:
  - **group**
  - **display**
  - **boolean**
  - **decimal**
  - **integer**
  - **date**
  - **dateTime**
  - **time**
  - **string**
  - **text**
  - **url**
  - **choice**
  - **open-choice**
_type (optional)
  Element

enableWhen (optional)
  array[Questionnaire_EnableWhen] A constraint indicating that this item should only be enabled (displayed/allow answers to be captured) when the specified condition is true.

enableBehavior (optional)
  String Controls how multiple enableWhen values are interpreted - whether all or any must be true.
  Enum:
    all
    any

_required (optional)
  Element

_required (optional)
  Boolean Value of "true" or "false"

_repeats (optional)
  Boolean Value of "true" or "false"

_repeats (optional)
  Element

readOnly (optional)
  Boolean Value of "true" or "false"

_readOnly (optional)
  Element

maxLength (optional)
  BigDecimal A whole number

_maxLength (optional)
  Element

answerValueSet (optional)
  String A URI that is a reference to a canonical URL on a FHIR resource

answerOption (optional)
  array[Questionnaire_AnswerOption] One of the permitted answers for a "choice" or "open-choice" question.

initial (optional)
  array[Questionnaire_Initial] One or more values that should be pre-populated in the answer when initially rendering the questionnaire for user input.

item (optional)
  array[Questionnaire_Item] Text, questions and other groups to be nested beneath a question or group.

Range -

A set of ordered Quantities defined by a low and high limit.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

low (optional)
  Quantity

high (optional)
Ratio -

A relationship of two Quantity values - expressed as a numerator and a denominator.

- id (optional)
  - String A sequence of Unicode characters

- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- numerator (optional)
  - Quantity

- denominator (optional)
  - Quantity

Reference -

A reference from one resource to another.

- id (optional)
  - String A sequence of Unicode characters

- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- reference (optional)
  - String A sequence of Unicode characters

  - reference (optional)
    - Element

- type (optional)
  - String String of characters used to identify a name or a resource

  - _type (optional)
    - Element

- identifier (optional)
  - Identifier

- display (optional)
  - String A sequence of Unicode characters

  - display (optional)
    - Element

RelatedArtifact -

Related artifacts such as additional documentation, justification, or bibliographic references.

- id (optional)
  - String A sequence of Unicode characters

- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- type (optional)
  - String The type of relationship to the related artifact.
    - Enum:
      - documentation
_type (optional)
  Element

label (optional)
  String  A sequence of Unicode characters

_label (optional)
  Element

display (optional)
  String  A sequence of Unicode characters

_display (optional)
  Element

citation (optional)
  String  A string that may contain Github Flavored Markdown syntax for optional processing by a mark
  down presentation engine

_citation (optional)
  Element

url (optional)
  String  A URI that is a literal reference

_url (optional)
  Element

document (optional)
  Attachment

resource (optional)
  String  A URI that is a reference to a canonical URL on a FHIR resource

RelatedPerson -

Information about a person that is involved in the care for a patient, but who is not the target of healthcare, nor has a
formal responsibility in the care process.

resourceType
  oas_any_type_not_mapped  This is a RelatedPerson resource

id (optional)
  String  Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This
  might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
  constraints.) Ids are case-insensitive.

meta (optional)
  Meta

implicitRules (optional)
  String  String of characters used to identify a name or a resource

_implicitRules (optional)
  Element

language (optional)
  String  A string which has at least one character and no leading or trailing whitespace and where there
  is no whitespace other than single spaces in the contents

_language (optional)
  Element

text (optional)
  Narrative

contained (optional)
These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

Identifier for a person within a particular scope.

active (optional)

Boolean Value of "true" or "false"

_active (optional)

Element

patient

Reference

relationship (optional)

The nature of the relationship between a patient and the related person.

code (optional)

A name associated with the person.

telecom (optional)

A contact detail for the person, e.g. a telephone number or an email address.

gender (optional)

Administrative Gender - the gender that the person is considered to have for administration and record keeping purposes.

  Enum:
  - male
  - female
  - other
  - unknown

_starter (optional)

Element

birthDate (optional)

A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_starter (optional)

Element

address (optional)

Address where the related person can be contacted or visited.

photo (optional)

Image of the person.

period (optional)

Period

communication (optional)
RelatedPerson_Communication -

Information about a person that is involved in the care for a patient, but who is not the target of healthcare, nor has a formal responsibility in the care process.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

language
CodeableConcept

preferred (optional)
Boolean Value of "true" or "false"

_requestGroup -

A group of related requests that can be used to capture intended activities that have inter-dependencies such as "give this medication after that one".

resourceType
"http://fhir.oas.org/fhir" This is a RequestGroup resource

id (optional)
String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unpreffixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-sensitive.

meta (optional)
Meta

implicitRules (optional)
String string of characters used to identify a name or a resource

_language (optional)
Element

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)
Narrative
contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] Allows a service to provide a unique, business identifier for the request.

instantiatesCanonical (optional)
array[String] A canonical URL referencing a FHIR-defined protocol, guideline, orderset or other definition that is adhered to in whole or in part by this request.

_instantiatesCanonical (optional)
array[Element] Extensions for instantiatesCanonical

instantiatesUri (optional)
array[String] A URL referencing an externally defined protocol, guideline, orderset or other definition that is adhered to in whole or in part by this request.

_instantiatesUri (optional)
array[Element] Extensions for instantiatesUri

basedOn (optional)
array[Reference] A plan, proposal or order that is fulfilled in whole or in part by this request.

replaces (optional)
array[Reference] Completed or terminated request(s) whose function is taken by this new request.

groupIdentifier (optional)
Identifier

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_status (optional)
Element

intent (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_intent (optional)
Element

priority (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_priority (optional)
Element

code (optional)
CodeableConcept
subject (optional)
   Reference

encounter (optional)
   Reference

authoredOn (optional)
   String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
   specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.

   authoredOn (optional)
   Element

author (optional)
   Reference

reasonCode (optional)
   array[CodeableConcept] Describes the reason for the request group in coded or textual form.

reasonReference (optional)
   array[Reference] Indicates another resource whose existence justifies this request group.

note (optional)
   array[Annotation] Provides a mechanism to communicate additional information about the response.

action (optional)
   array[RequestGroup_Action] The actions, if any, produced by the evaluation of the artifact.

RequestGroup_Action -

A group of related requests that can be used to capture intended activities that have inter-dependencies such as "give this
medication after that one".

   id (optional)
   String A sequence of Unicode characters

extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic
   definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
   array[Extension]

   May be used to represent additional information that is not part of the basic definition of the element
   and that modifies the understanding of the element in which it is contained and/or the understanding
   of the containing element's descendants. Usually modifier elements provide negation or qualification.
   To make the use of extensions safe and manageable, there is a strict set of governance applied to the
   definition and use of extensions. Though any implementer can define an extension, there is a set of
   requirements that SHALL be met as part of the definition of the extension. Applications processing a
   resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

prefix (optional)
   String A sequence of Unicode characters

   _prefix (optional)
   Element

title (optional)
   String A sequence of Unicode characters

   _title (optional)
   Element

description (optional)
   String A sequence of Unicode characters
description (optional)  
**Element**

textEquivalent (optional)
**String** A sequence of Unicode characters

textEquivalent (optional)  
**Element**

priority (optional)
**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

priority (optional)  
**Element**

code (optional)
**array[CodeableConcept]** A code that provides meaning for the action or action group. For example, a section may have a LOINC code for a section of a documentation template.

documentation (optional)
**array[RelatedArtifact]** Didactic or other informational resources associated with the action that can be provided to the CDS recipient. Information resources can include inline text commentary and links to web resources.

condition (optional)
**array[RequestGroup_Condition]** An expression that describes applicability criteria, or start/stop conditions for the action.

relatedAction (optional)
**array[RequestGroup_RelatedAction]** A relationship to another action such as "before" or "30-60 minutes after start of".

timingDateTime (optional)
**String** An optional value describing when the action should be performed.

participant (optional)
**array[Reference]** The participant that should perform or be responsible for this action.

type (optional)
**CodeableConcept**

groupingBehavior (optional)
**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

groupingBehavior (optional)  
**Element**

selectionBehavior (optional)
**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

selectionBehavior (optional)  
**Element**

requiredBehavior (optional)
**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_requiredBehavior (optional)
  Element

precheckBehavior (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

precheckBehavior (optional)
  Element
cardinalityBehavior (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

cardinalityBehavior (optional)
  Element
resource (optional)
  Reference

action (optional)
  array[RequestGroup_Action] Sub actions.

RequestGroup_Condition -
A group of related requests that can be used to capture intended activities that have inter-dependencies such as "give this medication after that one".

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

kind (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

kind (optional)
  Element

expression (optional)
  Expression

RequestGroup_RelatedAction -
A group of related requests that can be used to capture intended activities that have inter-dependencies such as "give this medication after that one".

id (optional)
  String A sequence of Unicode characters

extension (optional)
**modifierExtension (optional)**

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**actionId (optional)**

String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_**_actionId (optional)

Element

**relationship (optional)**

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_**_relationship (optional)

Element

**offsetDuration (optional)**

Duration

**offsetRange (optional)**

Range

---

**ResearchDefinition -**

The ResearchDefinition resource describes the conditional state (population and any exposures being compared within the population) and outcome (if specified) that the knowledge (evidence, assertion, recommendation) is about.

**resourceType**

oas_any_type_not_mapped This is a ResearchDefinition resource

**id (optional)**

String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

Meta

**implicitRules (optional)**

String String of characters used to identify a name or a resource

_**_implicitRules (optional)

Element

**language (optional)**

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_**_language (optional)

Element

**text (optional)**

Narrative

_**_text (optional)

Element

**contained (optional)**
These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)
String String of characters used to identify a name or a resource

_identifier (optional)
Element

identifier (optional)
array[Identifier] A formal identifier that is used to identify this research definition when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)
String A sequence of Unicode characters

_name (optional)
Element

title (optional)
String A sequence of Unicode characters

_subtitle (optional)
Element

shortTitle (optional)
String A sequence of Unicode characters

_subtitle (optional)
Element

status (optional)
String The status of this research definition. Enables tracking the life-cycle of the content.

Enum:
- draft
draft

active

retired

unknown

_status (optional)
Element
experimental (optional)

**Boolean** Value of “true” or “false”

subjectCodeableConcept (optional)

**CodeableConcept**

subjectReference (optional)

**Reference**

date (optional)

**String** A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

publisher (optional)

**String** A sequence of Unicode characters

contact (optional)

array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)

**String** A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

comment (optional)

array[String] A human-readable string to clarify or explain concepts about the resource.

useContext (optional)

array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate research definition instances.

jurisdiction (optional)

array[CodeableConcept] A legal or geographic region in which the research definition is intended to be used.

purpose (optional)

**String** A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

usage (optional)

**String** A sequence of Unicode characters

copyright (optional)

**String** A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

approvalDate (optional)

**String** A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.
_approvalDate (optional)
Element

_lastReviewDate (optional)
string A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_effectivePeriod (optional)
Period
topic (optional)
array[CodeableConcept] Descriptive topics related to the content of the ResearchDefinition. Topics provide a high-level categorization grouping types of ResearchDefinitions that can be useful for filtering and searching.

_author (optional)
array[ContactDetail] An individual or organization primarily involved in the creation and maintenance of the content.

_editor (optional)
array[ContactDetail] An individual or organization primarily responsible for internal coherence of the content.

_reviewer (optional)
array[ContactDetail] An individual or organization primarily responsible for review of some aspect of the content.

_endorser (optional)
array[ContactDetail] An individual or organization responsible for officially endorsing the content for use in some setting.

toRelatedArtifact (optional)
array[RelatedArtifact] Related artifacts such as additional documentation, justification, or bibliographic references.

_library (optional)
array[String] A reference to a Library resource containing the formal logic used by the ResearchDefinition.

_population (optional)
Reference

_exposure (optional)
Reference

_exposureAlternative (optional)
Reference

_outcome (optional)
Reference

ResearchElementDefinition -
The ResearchElementDefinition resource describes a "PICO" element that knowledge (evidence, assertion, recommendation) is about.

_resourceType oas_any_type_not_mapped This is a ResearchElementDefinition resource

_id (optional)
string Any combination of letters, numerals, "-" and "." with a length limit of 64 characters. (This might be an integer, an unprefixe... constraints.) Ids are case-insensitive.

_meta (optional)
Meta

_implicitRules (optional)
string String of characters used to identify a name or a resource

_implicitRules (optional)
Element
language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
_language (optional)
Element

text (optional)
Narrative
contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)
String String of characters used to identify a name or a resource
_url (optional)
Element

identifier (optional)
array[Identifier] A formal identifier that is used to identify this research element definition when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)
String A sequence of Unicode characters
_version (optional)
Element

name (optional)
String A sequence of Unicode characters
_name (optional)
Element

title (optional)
String A sequence of Unicode characters
_title (optional)
Element

shortTitle (optional)
String A sequence of Unicode characters
_shortTitle (optional)
Element

subtitle (optional)
String A sequence of Unicode characters
_subtitle (optional)
Element
status (optional) 

String The status of this research element definition. Enables tracking the life-cycle of the content.

Enum:
draft
active
retired
unknown

__status (optional) 

Element

experimental (optional) 

Boolean Value of "true" or "false"

__experimental (optional) 

Element

subjectCodeableConcept (optional) 

CodeableConcept

subjectReference (optional) 

Reference
date (optional) 

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

__date (optional) 

Element

publisher (optional) 

String A sequence of Unicode characters

__publisher (optional) 

Element

contact (optional) 

array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.
description (optional) 

String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

__description (optional) 

Element

comment (optional) 

array[String] A human-readable string to clarify or explain concepts about the resource.

__comment (optional) 

array[Element] Extensions for comment

useContext (optional) 

array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate research element definition instances.
jurisdiction (optional) 

array[CodeableConcept] A legal or geographic region in which the research element definition is intended to be used.
purpose (optional) 

String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

__purpose (optional) 

Element

usage (optional) 

String A sequence of Unicode characters

__usage (optional) 

Element
copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown
presentation engine

_lastCopyright (optional)
Element

approvalDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_lastApprovalDate (optional)
Element

lastReviewDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_lastLastReviewDate (optional)
Element

effectivePeriod (optional)
Period

topic (optional)
array[CodeableConcept] Descriptive topics related to the content of the ResearchElementDefinition. Topics provide a high-level categorization grouping types of ResearchElementDefinitions that can be useful for filtering and searching.

author (optional)
array[ContactDetail] An individual or organization primarily involved in the creation and maintenance of the content.

editor (optional)
array[ContactDetail] An individual or organization primarily responsible for internal coherence of the content.

reviewer (optional)
array[ContactDetail] An individual or organization primarily responsible for review of some aspect of the content.

endorser (optional)
array[ContactDetail] An individual or organization responsible for officially endorsing the content for use in some setting.

relatedArtifact (optional)
array[RelatedArtifact] Related artifacts such as additional documentation, justification, or bibliographic references.

library (optional)
array[ResourceReference] A reference to a Library resource containing the formal logic used by the ResearchElementDefinition.

type (optional)
String The type of research element, a population, an exposure, or an outcome.

Enum:
- population
- exposure
- outcome

_lastType (optional)
Element

variableType (optional)
String The type of the outcome (e.g. Dichotomous, Continuous, or Descriptive).

Enum:
- dichotomous
- continuous
- descriptive

_lastVariableType (optional)
Element

characteristic
A characteristic that defines the members of the research element. Multiple characteristics are applied with "and" semantics.

ResearchElementDefinition_Characteristic

The ResearchElementDefinition resource describes a "PICO" element that knowledge (evidence, assertion, recommendation) is about.

- **id (optional)**
  - *String* A sequence of Unicode characters

- **extension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **definitionCodeableConcept (optional)**
  - *CodeableConcept*

- **definitionCanonical (optional)**
  - *String* Define members of the research element using Codes (such as condition, medication, or observation), Expressions (using an expression language such as FHIRPath or CQL) or DataRequirements (such as Diabetes diagnosis onset in the last year).

- **_definitionCanonical (optional)**
  - *Element*

- **definitionExpression (optional)**
  - *Expression*

- **definitionDataRequirement (optional)**
  - *DataRequirement*

- **usageContext (optional)**
  - *array[UsageContext]* Use UsageContext to define the members of the population, such as Age Ranges, Genders, Settings.

- **exclude (optional)**
  - *Boolean* Value of "true" or "false"

- **_exclude (optional)**
  - *Element*

- **unitOfMeasure (optional)**
  - *CodeableConcept*

- **studyEffectiveDescription (optional)**
  - *String* A sequence of Unicode characters

- **_studyEffectiveDescription (optional)**
  - *Element*

- **studyEffectiveDateTime (optional)**
  - *String* Indicates what effective period the study covers.

- **_studyEffectiveDateTime (optional)**
  - *Element*

- **studyEffectivePeriod (optional)**
studyEffectiveDuration (optional)

`Duration`

studyEffectiveTiming (optional)

`Timing`

studyEffectiveTimeFromStart (optional)

`Duration`

studyEffectiveGroupMeasure (optional)

`String`

Indicates how elements are aggregated within the study effective period.

```
Enum:
  mean
  median
  mean-of-mean
  mean-of-median
  median-of-mean
  median-of-median
```

studyEffectiveGroupMeasure (optional)

`Element`

participantEffectiveDescription (optional)

`String`

A sequence of Unicode characters

participantEffectiveDescription (optional)

`Element`

participantEffectiveDateTime (optional)

`String`

Indicates what effective period the study covers.

participantEffectiveDateTime (optional)

`Element`

participantEffectivePeriod (optional)

`Period`

participantEffectiveDuration (optional)

`Duration`

participantEffectiveTiming (optional)

`Timing`

participantEffectiveTimeFromStart (optional)

`Duration`

participantEffectiveGroupMeasure (optional)

`String`

Indicates how elements are aggregated within the study effective period.

```
Enum:
  mean
  median
  mean-of-mean
  mean-of-median
  median-of-mean
  median-of-median
```

participantEffectiveGroupMeasure (optional)

`Element`

ResearchStudy -

A process where a researcher or organization plans and then executes a series of steps intended to increase the field of healthcare-related knowledge. This includes studies of safety, efficacy, comparative effectiveness and other information about medications, devices, therapies and other interventional and investigative techniques. A ResearchStudy involves the gathering of information about human or animal subjects.

resourceType

`oas_any_type_not_mapped` This is a ResearchStudy resource

id (optional)

`String`

Any combination of letters, numerals, "." and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

_language (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource
that contains them - they cannot be identified independently, and nor can they have their own
independent transaction scope.

text (optional)
Narrative

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource
and that modifies the understanding of the element that contains it and/or the understanding of the
containing element's descendants. Usually modifier elements provide negation or qualification. To
make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications
processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] Identifiers assigned to this research study by the sponsor or other systems.

title (optional)
String A sequence of Unicode characters

_title (optional)
Element

protocol (optional)
array[Reference] The set of steps expected to be performed as part of the execution of the study.

partOf (optional)
array[Reference] A larger research study of which this particular study is a component or step.

status (optional)
String The current state of the study.

  Enum:
    active
    administratively-completed
    approved
    closed-to-accrual
    closed-to-accrual-and-intervention
    completed
    disapproved
    in-review
    temporarily-closed-to-accrual
    temporarily-closed-to-accrual-and-intervention
status (optional)

Element

primaryPurposeType (optional)

CodeableConcept

phase (optional)

CodeableConcept

category (optional)

array[CodeableConcept] Codes categorizing the type of study such as investigational vs. observational, type of blinding, type of randomization, safety vs. efficacy, etc.

focus (optional)

array[CodeableConcept] The medication(s), food(s), therapy(ies), device(s) or other concerns or interventions that the study is seeking to gain more information about.

condition (optional)

array[CodeableConcept] The condition that is the focus of the study. For example, in a study to examine risk factors for Lupus, might have as an inclusion criterion "healthy volunteer", but the target condition code would be a Lupus SNOMED code.

contact (optional)

array[ContactDetail] Contact details to assist a user in learning more about or engaging with the study.

relatedArtifact (optional)

array[RelatedArtifact] Citations, references and other related documents.

keyword (optional)

array[CodeableConcept] Key terms to aid in searching for or filtering the study.

location (optional)

array[CodeableConcept] Indicates a country, state or other region where the study is taking place.

description (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

(description (optional)

Element

enrollment (optional)

array[Reference] Reference to a Group that defines the criteria for and quantity of subjects participating in the study. E.g. "200 female Europeans between the ages of 20 and 45 with early onset diabetes".

period (optional)

Period

sponsor (optional)

Reference

principalInvestigator (optional)

Reference

site (optional)

array[Reference] A facility in which study activities are conducted.

reasonStopped (optional)

CodeableConcept

note (optional)

array[Annotation] Comments made about the study by the performer, subject or other participants.

arm (optional)

array[ResearchStudy_Arm] Describes an expected sequence of events for one of the participants of a study. E.g. Exposure to drug A, wash-out, exposure to drug B, wash-out, follow-up.

objective (optional)

array[ResearchStudy_Objective] A goal that the study is aiming to achieve in terms of a scientific question to be answered by the analysis of data collected during the study.

ResearchStudy_Arm -

ResearchStudy_Objective -

Up
ResearchStudy

A process where a researcher or organization plans and then executes a series of steps intended to increase the field of healthcare-related knowledge. This includes studies of safety, efficacy, comparative effectiveness and other information about medications, devices, therapies and other interventional and investigative techniques. A ResearchStudy involves the gathering of information about human or animal subjects.

id (optional)
String
A sequence of Unicode characters

extension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)
String
A sequence of Unicode characters

_type (optional)
CodeableConcept

description (optional)
String
A sequence of Unicode characters

ResearchStudy_Objective -

A process where a researcher or organization plans and then executes a series of steps intended to increase the field of healthcare-related knowledge. This includes studies of safety, efficacy, comparative effectiveness and other information about medications, devices, therapies and other interventional and investigative techniques. A ResearchStudy involves the gathering of information about human or animal subjects.

id (optional)
String
A sequence of Unicode characters

extension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
name (optional)
  String A sequence of Unicode characters

  _name (optional)
  Element

type (optional)
  CodeableConcept

ResearchSubject -
A physical entity which is the primary unit of operational and/or administrative interest in a study.

  resourceType
  oas_any_type_not_mapped This is a ResearchSubject resource

  id (optional)
  String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

  meta (optional)
  Meta

  implicitRules (optional)
  String String of characters used to identify a name or a resource

    _implicitRules (optional)
    Element

  language (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

    _language (optional)
    Element

  text (optional)
  Narrative

  contained (optional)
  array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

  extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  modifierExtension (optional)
  array[Extension]

    May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

    Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

  identifier (optional)
  array[Identifier] Identifiers assigned to this research subject for a study.

  status (optional)
  String The current state of the subject.

    Enum:
    
      candidate
_status (optional)

Element

period (optional)

Period

study

Reference

individual

Reference

assignedArm (optional)

String A sequence of Unicode characters

assignedArm (optional)

Element

actualArm (optional)

String A sequence of Unicode characters

actualArm (optional)

Element

consent (optional)

Reference

ResourceList -

resourceType

oas_any_type_not_mapped This is a VisionPrescription resource

id (optional)

String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This

might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these

constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String string of characters used to identify a name or a resource

implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there

is no whitespace other than single spaces in the contents

language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource

that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource
and that modifies the understanding of the element that contains it and/or the understanding of the
containing element's descendants. Usually modifier elements provide negation or qualification. To
make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications
processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] A unique identifier assigned to this vision prescription.

status (optional)

String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

status (optional)

Element
type

CodeableConcept
name

String A sequence of Unicode characters

_name (optional)

Element

subject

Reference

service_period (optional)

Period

coverage (optional)

array[InsurancePlan_Coverage] Details about the coverage offered by the insurance product.

owner (optional)

Reference
description

String A string that may contain Github Flavored Markdown syntax for optional processing by a mark
down presentation engine

description (optional)

Element
guarantor (optional)

array[Account_Guarantor] The parties responsible for balancing the account if other payment options
fall short.

part_of (optional)

array[Reference] Task that this particular task is part of.

url (optional)

String string of characters used to identify a name or a resource

_url (optional)

Element

version (optional)

String A sequence of Unicode characters

_version (optional)
Element

title (optional)
String A sequence of Unicode characters

_subtitle (optional)
Element

subtitle (optional)
String A sequence of Unicode characters

_subtitle (optional)
Element

experimental (optional)
Boolean Value of "true" or "false"

_experimental (optional)
Element

subjectCodeableConcept (optional)
CodeableConcept

subjectReference (optional)
Reference
date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

date (optional)
Element

_publisher (optional)
Element

contact (optional)
array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

context (optional)
array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate value set instances.

jurisdiction (optional)
array[CodeableConcept] A legal or geographic region in which the value set is intended to be used.

purpose (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

_purpose (optional)
Element

usage (optional)
String A sequence of Unicode characters

_usage (optional)
Element

copyright (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a mark down presentation engine

Copyright (optional)
Element

approvalDate (optional)
String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_approvalDate (optional)
lastReviewDate (optional)

String  A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_lastReviewDate (optional)

Element

effectivePeriod (optional)

Period

topic (optional)

array[CodeableConcept]  Descriptive topics related to the content of the RiskEvidenceSynthesis. Topics provide a high-level categorization grouping types of EffectEvidenceSynthesis that can be useful for filtering and searching.

author

array[ContactDetail]  An individual or organization primarily involved in the creation and maintenance of the content.

editor (optional)

array[ContactDetail]  An individual or organization primarily responsible for internal coherence of the content.

reviewer (optional)

array[ContactDetail]  An individual or organization primarily responsible for review of some aspect of the content.

endorser (optional)

array[ContactDetail]  An individual or organization responsible for officially endorsing the content for use in some setting.

relatedArtifact (optional)

array[RelatedArtifact]  Related artifacts such as additional documentation, justification, or bibliographic references.

library (optional)

array[String]  A reference to a Library resource containing the formal logic used by the ResearchElementDefinition.

kind (optional)

String  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_kind (optional)

Element

profile (optional)

array[Reference]  Reference to the profile to be used for validation.

code

CodeableConcept

_intent (optional)

String  Indicates the “level” of actionability associated with the Task, i.e. i+R[9]Cs this a proposed task, a planned task, an actionable task, etc.

Enum:

unknown

proposal

plan

order

original-order

reflex-order

filler-order

instance-order

option

_intent (optional)

Element

_priority (optional)

String  A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_priority (optional)
doNotPerform (optional)
  **Boolean** Value of "true" or "false"

doNotPerform (optional)

**Element**

timingTiming (optional)
  **Timing**
timingDateTime (optional)
  **String** How often the device was used.

  **Element**

timingAge (optional)
  **Age**
timingPeriod (optional)
  **Period**
timingRange (optional)
  **Range**
timingDuration (optional)
  **Duration**

location (optional)
  **Reference**

participant
  **array[TestReport_Participant]** A participant in the test execution, either the execution engine, a client, or a server.

productReference (optional)
  **Reference**

productCodeableConcept (optional)
  **CodeableConcept**

quantity
  **Quantity**
dosage (optional)
  **array[Dosage]** Indicates how the medication is/was or should be taken by the patient.

bodySite (optional)
  **array[CodeableConcept]** Anatomic location where the procedure should be performed. This is the target site.

specimenRequirement (optional)
  **array[Reference]** Defines specimen requirements for the action to be performed, such as required specimens for a lab test.

observationRequirement (optional)
  **array[Reference]** Defines observation requirements for the action to be performed, such as body weight or surface area.

observationResultRequirement (optional)
  **array[Reference]** Defines the observations that are expected to be produced by the action.

transform (optional)
  **String** A URI that is a reference to a canonical URL on a FHIR resource

dynamicValue (optional)
  **array[ActivityDefinition_DynamicValue]** Dynamic values that will be evaluated to produce values for elements of the resulting resource. For example, if the dosage of a medication must be computed based on the patient's weight, a dynamic value would be used to specify an expression that calculated the weight, and the path on the request resource that would contain the result.

actuality (optional)
  **String** Whether the event actually happened, or just had the potential to. Note that this is independent of whether anyone was affected or harmed or how severely.
    Enum:
      actual
_actuality (optional)

Element
category
CodeableConcept

event (optional)
array[Composition_Event] The clinical service, such as a colonoscopy or an appendectomy, being documented.

encounter (optional)
Reference
detected (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_recordedDate (optional)
Element
resultingCondition (optional)
array[Reference] Includes information about the reaction that occurred as a result of exposure to a substance (for example, a drug or a chemical).

seriousness (optional)
CodeableConcept
severity (optional)
String Indicates the degree of importance associated with the identified issue based on the potential impact on the patient.
   Enum:
      high
      moderate
      low

outcome
Reference
recorder (optional)
Reference
contributor (optional)
array[Reference] Identifies the individual(s) or organization who provided the contents of the care plan.
suspectEntity (optional)
array[AdverseEvent_SuspectEntity] Describes the entity that is suspected to have caused the adverse event.

subjectMedicalHistory (optional)
array[Reference] AdverseEvent.subjectMedicalHistory.
referenceDocument (optional)
study
Reference

clinicalStatus (optional)
CodeableConcept
verificationStatus (optional)
CodeableConcept
_type (optional)
Element

category (optional)
Element

criticality (optional)
String
Estimate of the potential clinical harm, or seriousness, of the reaction to the identified substance.
Enum:
- low
- high
- unable-to-assess

_lastCriticality (optional)
Element

patient
Reference

onsetDateTime (optional)
String
Estimated or actual date or date-time the condition began, in the opinion of the clinician.

_lastOnsetDateTime (optional)
Element

onsetAge (optional)
Age

onsetPeriod (optional)
Period

onsetRange (optional)
Range

onsetString (optional)
String
Estimated or actual date or date-time the condition began, in the opinion of the clinician.

_lastOnsetString (optional)
Element

asserter (optional)
Reference

lastOccurrence (optional)
String
A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_lastOccurrence (optional)
Element

note (optional)
array[Annotation]
Free-text information captured about the task as it progresses.

reaction (optional)
array[Immunization_Reaction]
Categorical data indicating that an adverse event is associated in time to an immunization.

cancelationReason (optional)
CodeableConcept

serviceCategory (optional)
array[CodeableConcept]
A broad categorization of the service that is to be performed during this appointment.

serviceType (optional)
array[CodeableConcept]
The type of appointments that can be booked into this slot (ideally this would be an identifiable service - which is at a location, rather than the location itself). If provided then this overrides the value provided on the availability resource.

specialty (optional)
array[CodeableConcept]
The specialty of a practitioner that would be required to perform the service requested in this appointment.
appointmentType (optional)  
  `CodeableConcept`

reasonCode (optional)  
  `CodeableConcept`

reasonReference (optional)  
  `Reference`

supportingInformation (optional)  
  `array[Reference]` include additional information (for example, patient height and weight) that supports the ordering of the medication.

start (optional)  
  `String` An instant in time - known at least to the second

  _start (optional)  
  `Element`

date (optional)  
  `String` An instant in time - known at least to the second

  _date (optional)  
  `Element`

minutesDuration (optional)  
  `BigDecimal` An integer with a value that is positive (e.g. >0)

  _minutesDuration (optional)  
  `Element`

slot (optional)  
  `array[Reference]` The slots from the participants' schedules that will be filled by the appointment.

created (optional)  
  `String` A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

  _created (optional)  
  `Element`

comment (optional)  
  `String` A sequence of Unicode characters

  _comment (optional)  
  `Element`

patientInstruction (optional)  
  `String` A sequence of Unicode characters

  _patientInstruction (optional)  
  `Element`

basedOn (optional)  
  `array[Reference]` BasedOn refers to a higher-level authorization that triggered the creation of the task. It references a "request" resource such as a ServiceRequest, MedicationRequest, ServiceRequest, CarePlan, etc. which is distinct from the "request" resource the task is seeking to fulfill. This latter resource is referenced by FocusOn. For example, based on a ServiceRequest (= BasedOn), a task is created to fulfill a ProcedureRequest (= FocusOn) to collect a specimen from a patient.

requestedPeriod (optional)  
  `array[Period]` A set of date ranges (potentially including times) that the appointment is preferred to be scheduled within.

  The duration (usually in minutes) could also be provided to indicate the length of the appointment to fill and populate the start/end times for the actual allocated time. However, in other situations the duration may be calculated by the scheduling system.

appointment  
  `array[Reference]` The appointment that scheduled this encounter.
participantType (optional)
array[CodeableConcept] Role of participant in the appointment.

actor
array[Reference] Slots that reference this schedule resource provide the availability details to these referenced resource(s).

participantStatus (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

__participantStatus (optional)
Element

subtype (optional)
array[Coding] Identifier for the category of event.

action (optional)
array[RequestGroup_Action] The actions, if any, produced by the evaluation of the artifact.

__action (optional)
Element

period

recorded (optional)
String An instant in time - known at least to the second

__recorded (optional)
Element

__outcome (optional)
Element

outcomeDesc (optional)
String A sequence of Unicode characters

__outcomeDesc (optional)
Element

purposeOfEvent (optional)
array[CodeableConcept] The purposeOfUse (reason) that was used during the event being recorded.

agent
array[Provenance_Agent] An actor taking a role in an activity for which it can be assigned some degree of responsibility for the activity taking place.

source
array[Reference] Supporting literature.

entity (optional)
array[Provenance_Entity] An entity used in this activity.

cContentType (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

__contentType (optional)
Element

securityContext (optional)
Reference

data (optional)
String A stream of bytes

__data (optional)
Element

productCategory (optional)
String Broad category of this product.

Enum:
organ
tissue
fluid
cells
biologicalAgent

_productCategory (optional)
   Element
productCode (optional)
   CodeableConcept

request
   array[Reference] Details concerning a service request that required a specimen to be collected.
_quantity (optional)
   Element

parent (optional)
   array[Reference] Reference to the parent (source) specimen which is used when the specimen was either derived from or a component of another specimen.

collection (optional)
   array[CodeableConcept] The action to be performed for collecting the specimen.
_processing (optional)
   array[Specimen_Processing] Details concerning processing and processing steps for the specimen.

manipulation (optional)
   BiologicallyDerivedProduct_Manipulation

storage (optional)
   array[BiologicallyDerivedProduct_Storage] Product storage.
active (optional)
   Boolean Value of "true" or "false"

_active (optional)
   Element

morphology (optional)
   CodeableConcept

locationQualifier (optional)
   array[CodeableConcept] Qualifier to refine the anatomical location. These include qualifiers for laterality, relative location, directionality, number, and plane.

image (optional)
   array[Attachment] Image or images used to identify a location.

timestamp (optional)
   String An instant in time - known at least to the second

_total (optional)
   Element

total (optional)
   array[ExplanationOfBenefit_Total] Categorized monetary totals for the adjudication.

link (optional)
   array[Person_Link] Link to a resource that concerns the same actual person.

entry (optional)
   array[List_Entry] Entries in this list.

signature (optional)
   array[Signature] A digital signature on the target Reference(s). The signer should match a Provenance.agent. The purpose of the signature is indicated.

instantiates (optional)
   array[String] The URL pointing to a protocol, guideline, orderset or other definition that is adhered to in whole or in part by this NutritionOrder.

imports (optional)
   array[String] Reference to a canonical URL of another CapabilityStatement that this software adds to. The capability statement automatically includes everything in the other statement, and it is not duplicated, though the server may repeat the same resources, interactions and operations to add additional details to them.
software (optional)

TerminologyCapabilities_Software

implementation (optional)

TerminologyCapabilities_Implementation

fhirVersion (optional)

String The version of the FHIR specification on which this StructureDefinition is based - this is the formal version of the specification, without the revision number, e.g. [publication].[major].[minor], which is 4.0.1 for this version.

Enum:
- 0.01
- 0.05
- 0.11
- 0.0.80
- 0.0.81
- 0.0.82
- 0.4.0
- 0.5.0
- 1.0.0
- 1.0.1
- 1.0.2
- 1.1.0
- 1.4.0
- 1.6.0
- 1.8.0
- 3.0.0
- 3.0.1
- 3.3.0
- 3.5.0
- 4.0.0
- 4.0.1

_fhirVersion (optional)

Element

format (optional)

array[String] A list of the formats supported by this implementation using their content types.

_format (optional)

array[Element] Extensions for format

patchFormat (optional)

array[String] A list of the patch formats supported by this implementation using their content types.

_patchFormat (optional)

array[Element] Extensions for patchFormat

implementationGuide (optional)

array[String] A list of implementation guides that the server does (or should) support in their entirety.

rest (optional)

array[CapabilityStatement_Rest] A definition of the restful capabilities of the solution, if any.

messaging (optional)


document (optional)


instantiatesCanonical (optional)

String A URI that is a reference to a canonical URL on a FHIR resource

instantiatesUri (optional)

String String of characters used to identify a name or a resource

_instantiatesUri (optional)

Element

replaces (optional)

array[Reference] The request takes the place of the referenced completed or terminated request(s).

careTeam (optional)
addresses (optional)
array[Reference]  The identified conditions and other health record elements that are intended to be addressed by the goal.

supportingInfo (optional)
array[Reference] Additional clinical information about the patient or specimen that may influence the services of their interpretations. This information includes diagnosis, clinical findings and other observations. In laboratory ordering these are typically referred to as "ask at order entry questions (AOEs)". This includes observations explicitly requested by the producer (filler) to provide context or supporting information needed to complete the order. For example, reporting the amount of inspired oxygen for blood gas measurements.

goal (optional)
array[PlanDefinition_Goal] Goals that describe what the activities within the plan are intended to achieve. For example, weight loss, restoring an activity of daily living, obtaining herd immunity via immunization, meeting a process improvement objective, etc.

activity (optional)
CodeableConcept

managingOrganization (optional)
Reference

telecom (optional)
array[ContactPoint] A contact detail for the person, e.g. a telephone number or an email address.

orderable (optional)
Boolean  Value of "true" or "false"

_reorderable (optional)
Element

toReferenceItem
Reference

detailedIdentifier (optional)
array[Identifier] Used in supporting related concepts, e.g. NDC to RxNorm.

classification (optional)
array[SubstanceReferenceInformation_Classification] Todo.

validityPeriod (optional)
Period

validTo (optional)
String  A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_validTo (optional)
Element

lastUpdated (optional)
String  A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_lastUpdated (optional)
Element

additionalCharacteristic (optional)
array[CodeableConcept] Used for example for Out of Formulary, or any specifics.

additionalClassification (optional)
array[CodeableConcept] User for example for ATC classification, or...

relatedEntry (optional)
array[CatalogEntry_RelatedEntry] Used for example, to point to a substance, or to a device used to administer a medication.

definitionUri (optional)
References the (external) source of pricing information, rules of application for the code this ChargeItem uses.

- definitionUri (optional)
- array[Element] Extensions for definitionUri

- definitionCanonical (optional)
- array[String] References the source of pricing information, rules of application for the code this ChargeItem uses.

- context (optional)
- array[StructureDefinition_Context] Identifies the types of resource or data type elements to which the extension can be applied.

- occurrenceDateTime (optional)
  - String When the request should be fulfilled.

- occurrenceDateTime (optional)
  - Element

- occurrencePeriod (optional)
  - Period

- occurrenceTiming (optional)
  - Timing

- performer (optional)
  - array[Reference] The desired performer for doing the requested service. For example, the surgeon, dermatopathologist, endoscopist, etc.

- performingOrganization (optional)
  - Reference

- requestingOrganization (optional)
  - Reference

- costCenter (optional)
  - Reference

- bodysite (optional)
  - array[CodeableConcept] The anatomical location where the related service has been applied.

- factorOverride (optional)
  - BigDecimal A rational number with implicit precision

- _factorOverride (optional)
  - Element

- priceOverride (optional)
  - Money

- overrideReason (optional)
  - String A sequence of Unicode characters

- _overrideReason (optional)
  - Element

- enterer (optional)
  - Reference

- enteredDate (optional)
  - String A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

- _enteredDate (optional)
  - Element

- reason (optional)
  - String A sequence of Unicode characters

- service (optional)
  - array[Reference] Indicated the rendered service that caused this charge.

- account (optional)
  - Reference
derivedFromUri (optional)
array[String] The URL pointing to an externally-defined charge item definition that is adhered to in whole or in part by this definition.
_derivedFromUri (optional)
array[Element] Extensions for derivedFromUri

instance (optional)
array[Substance_Instance] Substance may be used to describe a kind of substance, or a specific package/container of the substance: an instance.

applicability (optional)
array[ChargeItemDefinition_Applicability] Expressions that describe applicability criteria for the billing code.

propertyGroup (optional)
array[ChargeItemDefinition_PropertyGroup] Group of properties which are applicable under the same conditions. If no applicability rules are established for the group, then all properties always apply.

subType (optional)
CodeableConcept

use (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

use (optional)
Element

billablePeriod (optional)
Period

insurer
Reference

provider
Reference

fundsReserve (optional)
CodeableConcept

related (optional)
array[ExplanationOfBenefit_Related] Other claims which are related to this claim such as prior submissions or claims for related services or for the same event.

prescription (optional)
Reference

originalPrescription (optional)
Reference

payee (optional)
Reference

referral (optional)
Reference

facility (optional)
Reference

diagnosis (optional)
array[ExplanationOfBenefit_Diagnosis] Information about diagnoses relevant to the claim items.

procedure (optional)
MedicinalProductAuthorization_Procedure

insurance
array[Reference] Insurance plans, coverage extensions, pre-authorizations and/or pre-determinations that may be relevant to the Task.

accident (optional)
ExplanationOfBenefit_Accident

item
array[QuestionnaireResponse_Item] A group or question item from the original questionnaire for which answers are provided.
requestor (optional)

`Reference`

disposition (optional)

`String` A sequence of Unicode characters

_disposition (optional)

`Element`

preAuthRef (optional)

`array[String]` Reference from the Insurer which is used in later communications which refers to this adjudication.

_preAuthRef (optional)

`array[Element]` Extensions for preAuthRef

preAuthPeriod (optional)

`Period`

payeeType (optional)

`CodeableConcept`

adItem (optional)

`array[ExplanationOfBenefit/AddItem]` The first-tier service adjudications for payor added product or service lines.

adjudication (optional)

`array[ExplanationOfBenefit/AddItem]` The adjudication results which are presented at the header level rather than at the line-item or add-item levels.

payment

`Reference`

formCode (optional)

`CodeableConcept`

form (optional)

`CodeableConcept`

processNote (optional)

`array[PaymentReconciliation/ProcessNote]` A note that describes or explains the processing in a human readable form.

communicationRequest (optional)

`array[Reference]` Request for additional supporting or authorizing information.

error (optional)

`String` A sequence of Unicode characters

statusReason (optional)

`CodeableConcept`

_effectiveDateTime (optional)

`String` The time or time-period the observed value is asserted as being true. For biological subjects - e.g. human patients - this is usually called the "physiologically relevant time". This is usually either the time of the procedure or of specimen collection, but very often the source of the date/time is not known, only the date/time itself.

_effectiveDateTime (optional)

`Element`

assessor (optional)

`Reference`

previous (optional)

`Reference`

problem (optional)

`array[Reference]` A list of the relevant problems/conditions for a patient.

investigation (optional)

`array[ClinicalImpression/Investigation]` One or more sets of investigations (signs, symptoms, etc.). The actual grouping of investigations varies greatly depending on the type and context of the assessment. These investigations may include data generated during the assessment process, or data previously generated and recorded that is pertinent to the outcomes.

protocol (optional)
array[Reference] The set of steps expected to be performed as part of the execution of the study.

_protocol (optional)
array[Element] Extensions for protocol

_summary (optional)
String A sequence of Unicode characters

_valueSet (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

_hierarchyMeaning (optional)
String The meaning of the hierarchy of concepts as represented in this resource.
   Enum:
      grouped-by
      is-a
      part-of
      classified-with

_compositional (optional)
Boolean Value of "true" or "false"

_versionNeeded (optional)
Boolean Value of "true" or "false"

_concept (optional)

_element (optional)

_supplements (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

_count (optional)
BigDecimal An integer with a value that is not negative (e.g. >= 0)

_filter (optional)
array[CodeSystem_Filter] A filter that can be used in a value set compose statement when selecting concepts using a filter.

_property (optional)
array[SubstanceSpecification_Property] General specifications for this substance, including how it is related to other substances.

_concept (optional)
Concepts that are in the code system. The concept definitions are inherently hierarchical, but the definitions must be consulted to determine what the meanings of the hierarchical relationships are.

**inResponseTo (optional)**

array[Reference] Prior communication that this communication is in response to.

**medium (optional)**

array[CodeableConcept] A channel that was used for this communication (e.g. email, fax).

**about (optional)**

array[Reference] Other resources that pertain to this communication request and to which this communication request should be associated.

**sent (optional)**

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**_sent (optional)**

Element

**received (optional)**

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**_received (optional)**

Element

**recipient**

Reference

**sender (optional)**

Reference

**payload (optional)**

array[CommunicationRequest_Payload] Text, attachment(s), or resource(s) to be communicated to the recipient.

**groupIdentifier (optional)**

Identifier

**authoredOn (optional)**

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**_authoredOn (optional)**

Element

**requester (optional)**

Reference

**_code (optional)**

Element

**search (optional)**

Boolean Value of "true" or "false"

**_search (optional)**

Element

**resource (optional)**

array[String] The types on which this operation can be executed.

**confidentiality (optional)**

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_confidentiality (optional)**

Element

**attester (optional)**
A participant who has attested to the accuracy of the composition/document.

Reference

Relationships that this document has with other document references that already exist.

The root of the sections that make up the composition.

Identifier for the source value set that contains the concepts that are being mapped and provides context for the mappings.

Identifier for the source value set that contains the concepts that are being mapped and provides context for the mappings.

Identifier for the target value set that provides context for the mappings. Note that the mapping is made between concepts, not between value sets, but the value set provides important context about how the concept mapping choices are made.

Identifier for the target value set that provides context for the mappings. Note that the mapping is made between concepts, not between value sets, but the value set provides important context about how the concept mapping choices are made.

Organizes the mapping into manageable chunks for human review/ease of maintenance.

The date or estimated date that the condition resolved or went into remission. This is called "abatement" because of the many overloaded connotations associated with "remission" or "resolution" - Conditions are never really resolved, but they can abate.

The date or estimated date that the condition resolved or went into remission. This is called "abatement" because of the many overloaded connotations associated with "remission" or "resolution" - Conditions are never really resolved, but they can abate.

Clinical stage or grade of a condition. May include formal severity assessments.
array[DetectedIssue_Evidence]
Supporting evidence or manifestations that provide the basis for identifying the detected issue such as a GuidanceResponse or MeasureReport.

**scope**
*CodeableConcept*

**dateTime (optional)**

*String* A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_element (optional)

**organization (optional)**
*Reference*

**sourceAttachment (optional)**
*Attachment*

**sourceReference (optional)**
*Reference*

**policy (optional)**
*array[String]* Policy or plan the activity was defined by. Typically, a single activity may have multiple applicable policy documents, such as patient consent, guarantor funding, etc.

**policyRule (optional)**
*CodeableConcept*

**verification (optional)**
*array[Consent_Verification]* Whether a treatment instruction (e.g. artificial respiration yes or no) was verified with the patient, his/her family or another authorized person.

**provision (optional)**
*Consent_Provision*

**legalState (optional)**
*CodeableConcept*

**contentDerivative (optional)**
*CodeableConcept*

**issued (optional)**

*String* A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_element (optional)

**applies (optional)**
*Period*

**expirationType (optional)**
*CodeableConcept*

**authority (optional)**
*Reference*

**domain (optional)**
*CodeableConcept*

**site (optional)**
*array[Reference]* A facility in which study activities are conducted.

**alias (optional)**
*array[String]* A list of alternate names that the organization is known as, or was known as in the past.

_element (optional)

**topicCodeableConcept (optional)**
*CodeableConcept*

**topicReference (optional)**
contentDefinition (optional)
  Contract_ContentDefinition

term (optional)
  array[Contract_Term] One or more Contract Provisions, which may be related and conveyed as a group, and may contain nested groups.

relevantHistory (optional)
  array[Reference] Links to Provenance records for past versions of this Task that identify key state transitions or updates that are likely to be relevant to a user looking at the current version of the task.

signer (optional)
  array[Contract_Signer] Parties with legal standing in the Contract, including the principal parties, the grantor(s) and grantee(s), which are any person or organization bound by the contract, and any ancillary parties, which facilitate the execution of the contract such as a notary or witness.

friendly (optional)
  array[Contract_Friendly] The "patient friendly language" version of the Contract in whole or in parts. "Patient friendly language" means the representation of the Contract and Contract Provisions in a manner that is readily accessible and understandable by a layperson in accordance with best practices for communication styles that ensure that those agreeing to or signing the Contract understand the roles, actions, obligations, responsibilities, and implication of the agreement.

legal (optional)
  array[Contract_Legal] List of Legal expressions or representations of this Contract.

rule (optional)

legallyBindingAttachment (optional)
  Attachment

legallyBindingReference (optional)
  Reference

policyHolder (optional)
  Reference

subscriber (optional)
  Reference

subscriberId (optional)
  String A sequence of Unicode characters

dependent (optional)
  String A sequence of Unicode characters

relationship
  array[SubstanceSpecification_Relationship] A link between this substance and another, with details of the relationship.

payor
  array[Reference] The program or plan underwriter or payor including both insurance and non-insurance agreements, such as patient-pay agreements.

class
  CodeableConcept

order (optional)
  BigDecimal An integer with a value that is positive (e.g. >0)

_order (optional)
  Element

network (optional)
network (optional)  
Element  
costToBeneficiary (optional)  
array[Coverage_CostToBeneficiary]  
A suite of codes indicating the cost category and associated amount which have been detailed in the policy and may have been included on the health card.
subrogation (optional)  
Boolean  
Value of "true" or "false"
subrogation (optional)  
Element  
contract (optional)  
array[Reference]  
The policy(s) which constitute this insurance coverage.
servicedDate (optional)  
String  
The date or dates when the enclosed suite of services were performed or completed.
servicedDate (optional)  
Element  
servicedPeriod (optional)  
Period  
severity (optional)  
Element  
identifiedDateTime (optional)  
String  
The date or period when the detected issue was initially identified.
identifiedDateTime (optional)  
Element  
identifiedPeriod (optional)  
Period  
implicated (optional)  
array[Reference]  
Indicates the resource representing the current activity or proposed activity that is potentially problematic.
detail (optional)  
array[PaymentReconciliation_Detail]  
Distribution of the payment amount for a previously acknowledged payable.
detail (optional)  
Element  
reference (optional)  
String  
String of characters used to identify a name or a resource
reference (optional)  
Element  
mitigation (optional)  
String  
A sequence of Unicode characters
definition (optional)  
String  
A URI that is a reference to a canonical URL on a FHIR resource
udiCarrier (optional)  
array[Device_UdiCarrier]  
Unique device identifier (UDI) assigned to device label or package. Note that the Device may include multiple udiCarriers as it either may include just the udiCarrier for the jurisdiction it is sold, or for multiple jurisdictions it could have been sold.
distinctIdentifier (optional)  
String  
A sequence of Unicode characters
manufacturer (optional)  
array[Reference]  
Manufacturer of this Package Item.
manufacturer (optional)  
Element
Element manufa.ctureDate (optional)

[String] A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

Element expirationDate (optional)

[String] A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

Element lotNumber (optional)

[String] A sequence of Unicode characters

Element serialNumber (optional)

[String] A sequence of Unicode characters

Element deviceName (optional)

[String] A sequence of Unicode characters

Element modelNumber (optional)

[String] A sequence of Unicode characters

Element partNumber (optional)

[String] A sequence of Unicode characters

Array[DeviceDefinition_Specialization] The capabilities supported on a device, the standards to which the device conforms for a particular purpose, and used for the communication.

Array[CodeableConcept] Safety characteristics of the device.

Array[DeviceDefinition_UdiDeviceIdentifier] Unique device identifier (UDI) assigned to device label or package. Note that the Device may include multiple udiCarriers as it either may include just the udiCarrier for the jurisdiction it is sold, or for multiple jurisdictions it could have been sold.

Element manufacturerString (optional)

[String] A name of the manufacturer.

Element manufacturerReference (optional)

Reference

Array[ProductShelfLife] Shelf Life and storage information.

Array[ProdCharacteristic] Language code for the human-readable text strings produced by the device (all supported).

Array[DeviceDefinition_Capability] Device capabilities.
onlineInformation (optional)

String: String of characters used to identify a name or a resource

parentDevice (optional)

Reference

material (optional)

array[DeviceDefinition_Material] A substance used to create the material(s) of which the device is made.

unit (optional)

CodeableConcept

operationalStatus (optional)

Coding

color (optional)

String: Describes the color representation for the metric. This is often used to aid clinicians to track and identify parameter types by color. In practice, consider a Patient Monitor that has ECG/HR and Pleth for example; the parameters are displayed in different characteristic colors, such as HR-blue, BP-green, and PR and SpO2- magenta.

Enum:

black
red
green
yellow
blue
magenta
cyan
white

color (optional)

Element

measurementPeriod (optional)

Timing

calibration (optional)

array[DeviceMetric_Calibration] Describes the calibrations that have been performed or that are required to be performed.

priorRequest (optional)

array[Reference] The request takes the place of the referenced completed or terminated request(s).

codeReference (optional)

Reference
codeCodeableConcept (optional)

CodeableConcept

parameter (optional)

array[SupplyRequest_Parameter] Specific parameters for the ordered item. For example, the size of the indicated item.

performerType (optional)

array[CodeableConcept] The kind of participant that should perform the task.

derivedFrom (optional)

String: A URI that is a reference to a canonical URL on a FHIR resource

recordedOn (optional)

String: A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

recordedOn (optional)

Element

device
resultsInterpreter (optional)
array[Reference] The practitioner or organization that is responsible for the report’s conclusions and interpretations.

specimen (optional)
array[Reference] One or more specimens that the laboratory procedure will use.

result (optional)
String The overall result from the execution of the TestScript.

Enum:
- pass
- fail
- pending

imagingStudy (optional)
array[Reference] One or more links to full details of any imaging performed during the diagnostic investigation. Typically, this is imaging performed by DICOM enabled modalities, but this is not required. A fully enabled PACS viewer can use this information to provide views of the source images.

media (optional)
array[DiagnosticReport_Media] A list of key images associated with this report. The images are generally created during the diagnostic process, and may be directly of the patient, or of treated specimens (i.e. slides of interest).

conclusion (optional)
String A sequence of Unicode characters

conclusionCode (optional)
array[CodeableConcept] One or more codes that represent the summary conclusion (interpretation/impression) of the diagnostic report.

presentedForm (optional)
array[Attachment] Rich text representation of the entire result as issued by the diagnostic service. Multiple formats are allowed but they SHALL be semantically equivalent.

masterIdentifier (optional)
Identifier

source (optional)
Element

docStatus (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

authenticator (optional)
Reference

securityLabel (optional)

synthesisType (optional)
CodeableConcept

studyType (optional)
CodeableConcept

population
Reference

exposure
Reference

exposureAlternative
Reference
sampleSize (optional)
RiskEvidenceSynthesis_SampleSize

resultsByExposure (optional)
array[EffectEvidenceSynthesis_ResultsByExposure] A description of the results for each exposure considered in the effect estimate.

effectEstimate (optional)
certainty (optional)

statusHistory (optional)
array[EpisodeOfCare_StatusHistory] The history of statuses that the EpisodeOfCare has been through (without requiring processing the history of the resource).

classHistory (optional)
array[Encounter_ClassHistory] The class history permits the tracking of the encounters transitions without needing to go through the resource history. This would be used for a case where an admission starts as an emergency encounter, then transitions into an inpatient scenario. Doing this and not restarting a new encounter ensures that any lab/diagnostic results can more easily follow the patient and not require re-processing and not get lost or cancelled during a kind of discharge from emergency to inpatient.

episodeOfCare (optional)
array[Reference] Where a specific encounter should be classified as a part of a specific episode(s) of care this field should be used. This association can facilitate grouping of related encounters together for a specific purpose, such as government reporting, issue tracking, association via a common problem. The association is recorded on the encounter as these are typically created after the episode of care and grouped on entry rather than editing the episode of care to append another encounter to it (the episode of care could span years).

length (optional)
Duration

hospitalization (optional)
Encounter_Hospitalization

serviceProvider (optional)
Reference

connectionType
Coding

payloadType
array[CodeableConcept] The payload type describes the acceptable content that can be communicated on the endpoint.

payloadMimeType (optional)
array[String] The mime type to send the payload in - e.g. application/fhir+xml, application/fhir+json. If the mime type is not specified, then the sender could send any content (including no content depending on the connectionType).

_address (optional)
Element

header (optional)
array[String] Additional headers / information to send as part of the notification.

candidate (optional)
Reference

referralRequest (optional)
Reference
array[Reference] Referral Request(s) that are fulfilled by this EpisodeOfCare, incoming referrals.

careManager (optional) Reference

team (optional) array[Reference] The list of practitioners that may be facilitating this episode of care for specific purposes.

trigger array[TriggerDefinition] The trigger element defines when the event occurs. If more than one trigger condition is specified, the event fires whenever any one of the trigger conditions is met.

shortTitle (optional) String A sequence of Unicode characters

_exhortTitle (optional) Element

exposureBackground Reference

exposureVariant (optional) array[Reference] A reference to a EvidenceVariable resource that defines the exposure for the research.

characteristic array[ResearchElementDefinition_Characteristic] A characteristic that defines the members of the research element. Multiple characteristics are applied with “and” semantics.

process (optional) array[ExampleScenario_Process] Each major process - a group of operations.

workflow (optional) array[String] Another nested workflow.

fundsReserveRequested (optional) CodeableConcept

claim (optional) Reference

claimResponse (optional) Reference

preAuthRefPeriod (optional) array[Period] The timeframe during which the supplied preauthorization reference may be quoted on claims to obtain the adjudication as provided.

precedence (optional) BigDecimal An integer with a value that is positive (e.g., >0)

__precedence (optional) Element

benefitPeriod (optional) Period


dataAbsentReason (optional) CodeableConcept

sex (optional) CodeableConcept

bornPeriod (optional) Period

bornDate (optional) String The actual or approximate date of birth of the relative.

_bornDate (optional) Element

bornString (optional) String The actual or approximate date of birth of the relative.
_bornString (optional)

Element

ageAge (optional)
Age

ageRange (optional)
Range

ageString (optional)
String
The age of the relative at the time the family member history is recorded.

_ageString (optional)

Element

estimatedAge (optional)
Boolean
Value of "true" or "false"

_estimatedAge (optional)

Element

deceasedBoolean (optional)
Boolean
Indicates if the individual is deceased or not.

_deceasedBoolean (optional)

Element

deceasedAge (optional)
Age

deceasedRange (optional)
Range

deceasedDate (optional)
String
Deceased flag or the actual or approximate age of the relative at the time of death for the family member history record.

_deceasedDate (optional)

Element

deceasedString (optional)
String
Deceased flag or the actual or approximate age of the relative at the time of death for the family member history record.

_deceasedString (optional)

Element

condition (optional)
array[CodeableConcept]
A mode or state of being that describes the nature of the specimen.

lifecycleStatus (optional)
String
The state of the goal throughout its lifecycle.

Enum:
- proposed
- planned
- accepted
- active
- on-hold
- completed
- cancelled
- entered-in-error
- rejected

_lifecycleStatus (optional)

Element

achievementStatus (optional)
CodeableConcept

startDate (optional)
String
The date or event after which the goal should begin being pursued.

_startDate (optional)

Element

startCodeableConcept (optional)
target
array[Reference] A resource that was validated.

statusDate (optional) String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

__statusDate (optional) Element
__statusReason (optional) Element

expressedBy (optional) Reference

outcomeCode (optional) array[CodeableConcept] Identifies the change (or lack of change) at the point when the status of the goal is assessed.

outcomeReference (optional) array[Reference] Details of what’s changed (or not changed).

actual (optional) Boolean Value of “true” or “false”

__actual (optional) Element

managingEntity (optional) Reference

member (optional) array[Group_Member] Identifies the resource instances that are members of the group.

requestIdentifier (optional) Identifier

moduleUri (optional) String An identifier, CodeableConcept or canonical reference to the guidance that was requested.

__moduleUri (optional) Element

moduleCanonical (optional) String An identifier, CodeableConcept or canonical reference to the guidance that was requested.

__moduleCanonical (optional) Element

moduleCodeableConcept (optional) CodeableConcept

evaluationMessage (optional) array[Reference] Messages resulting from the evaluation of the artifact or artifacts. As part of evaluating the request, the engine may produce informational or warning messages. These messages will be provided by this element.

outputParameters (optional) Reference

dataRequirement (optional) array[DataRequirement] Describes a set of data that must be provided in order to be able to successfully perform the computations defined by the library.

providedBy (optional) Reference

extraDetails (optional) String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

__extraDetails (optional) Element
photo (optional)
array[Attachment]  Image of the person.

coverageArea (optional)
array[Reference]  The geographic region in which a health insurance product's benefits apply.

serviceProvisionCode (optional)
array[CodeableConcept]  The code(s) that detail the conditions under which the healthcare service is available/offered.

eligibility (optional)
array[HealthcareService_Eligibility]  Does this service have specific eligibility requirements that need to be met in order to use the service?

program (optional)
array[CodeableConcept]  Programs that this service is applicable to.

communication (optional)
array[RelatedPerson_Communication]  A language which may be used to communicate with about the patient's health.

referralMethod (optional)
array[CodeableConcept]  Ways that the service accepts referrals, if this is not provided then it is implied that no referral is required.

appointmentRequired (optional)
Boolean  Value of "true" or "false"

_started (optional)
Element

availableTime (optional)
array[PractitionerRole_AvailableTime]  A collection of times the practitioner is available or performing this role at the location and/or healthcare service.

notAvailable (optional)
array[PractitionerRole_NotAvailable]  The practitioner is not available or performing this role during this period or time due to the provided reason.

availabilityExceptions (optional)
String  A sequence of Unicode characters

_interpreter (optional)
Element

endpoint (optional)
array[Reference]  Technical endpoints providing access to services operated for the practitioner with this role.

modality (optional)
CodeableConcept

started (optional)
String  A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_started (optional)
Element

referrer (optional)
Reference

interpreter (optional)
array[Reference]  Who read the study and interpreted the images or other content.

numberOfSeries (optional)
BigDecimal  An integer with a value that is not negative (e.g. >= 0)

_started (optional)
Element

numberOfInstances (optional)
BigDecimal  An integer with a value that is not negative (e.g. >= 0)
procedureReference (optional)
   Reference

procedureCode (optional)
   array[CodeableConcept] The code for the performed procedure type.

series (optional)
   String A sequence of Unicode characters

vaccineCode
   CodeableConcept

occurrenceString (optional)
   String Date vaccine administered or was to be administered.

_reportOrigin (optional)
   Element

primarySource (optional)
   array[VerificationResult_PrimarySource] Information about the primary source(s) involved in validation.

_reportOrigin (optional)
   Element

route (optional)
   CodeableConcept

doseQuantity (optional)
   Quantity

_isSubpotent (optional)
   Boolean Value of “true” or “false”

_isSubpotent (optional)
   Element

subpotentReason (optional)
   array[CodeableConcept] Reason why a dose is considered to be subpotent.

education (optional)
   array[Immunization_Education] Educational material presented to the patient (or guardian) at the time of vaccine administration.

programEligibility (optional)
   array[CodeableConcept] Indicates a patient's eligibility for a funding program.

fundingSource (optional)
   CodeableConcept

protocolApplied (optional)
   array[Immunization_ProtocolApplied] The protocol (set of recommendations) being followed by the provider who administered the dose.

targetDisease
   CodeableConcept

immunizationEvent
   Reference

doseStatus
   CodeableConcept

doseStatusReason (optional)
   array[CodeableConcept] Provides an explanation as to why the vaccine administration event is valid or not relative to the published recommendations.

_series (optional)
   Element

doseNumberPositiveInt (optional)
   BigDecimal Nominal position in a series.

_doseNumberPositiveInt (optional)
doseNumberString (optional)
String Nominal position in a series.
_doseNumberString (optional)
Element

seriesDosesPositiveInt (optional)
BigDecimal The recommended number of doses to achieve immunity.
_seriesDosesPositiveInt (optional)
Element

seriesDosesString (optional)
String The recommended number of doses to achieve immunity.
__seriesDosesString (optional)
Element

recommendation
array[ImmunizationRecommendation_Recommendation] Vaccine administration recommendations.

packageId (optional)
String Any combination of letters, numerals, "-" and "." with a length limit of 64 characters. (This might be an integer, an unprefixd OID, UUID or any other identifier pattern that meets these constraints.)Ids are case-insensitive.

__packageId (optional)
Element

license (optional)
String The license that applies to this Implementation Guide, using an SPDX license code, or 'not-open-source'.
Enum:
  not-open-source
  OBSD
  AAL
  Abstyles
  Adobe-2006
  Adobe-Glyph
  ADSL
  AFL-1.1
  AFL-1.2
  AFL-2.0
  AFL-2.1
  AFL-3.0
  Ajmparse
  AGPL-1.0-only
  AGPL-1.0-or-later
  AGPL-3.0-only
  AGPL-3.0-or-later
  Aladdin
  AMDPLPA
  AML
  AMPAS
  ANTLR-PD
  Apache-1.0
  Apache-1.1
  Apache-2.0
  APAFML
  APL-1.0
  APSL-1.0
  APSL-1.1
  APSL-1.2
  APSL-2.0
  Artistic-1.0-cl8
  Artistic-1.0-Perl
  Artistic-1.0
  Artistic-2.0
  Bahyph
  Barr
_license (optional)

Element

dependsOn (optional)
array[ImplementationGuide_DependsOn] Another implementation guide that this implementation depends on. Typically, an implementation guide uses value sets, profiles etc. defined in other implementation guides.

global (optional)
array[ImplementationGuide_Global] A set of profiles that all resources covered by this implementation guide must conform to.

manifest (optional)
ImplementationGuide_Manifest

ownedBy (optional)
Reference

administeredBy (optional)
Reference

plan (optional)
array[InsurancePlan_Plan] Details about an insurance plan.

cancelledReason (optional)
String A sequence of Unicode characters

cancelledReason (optional)
Element

issuer (optional)
Reference

lineItem (optional)
Each line item represents one charge for goods and services rendered. Details such as date, code and amount are found in the referenced ChargeItem resource.

**totalPriceComponent (optional)**

The total amount for the Invoice may be calculated as the sum of the line items with surcharges/deductions that apply in certain conditions. The priceComponent element can be used to offer transparency to the recipient of the Invoice of how the total price was calculated.

**totalNet (optional)**

**totalGross (optional)**

**paymentTerms (optional)**

A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

**mode (optional)**

Indicates whether a resource instance represents a specific location or a class of locations.

**orderedBy (optional)**

**emptyReason (optional)**

**physicalType (optional)**

**position (optional)**

What days/times during a week is this location usually open.

**disclaimer (optional)**

A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

**compositeScoring (optional)**

**riskAdjustment (optional)**

A sequence of Unicode characters

**rateAggregation (optional)**

A sequence of Unicode characters

**rationale (optional)**

A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine
A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_clinicalRecommendationStatement (optional)

Element

improvementNotation (optional)

CodeableConcept

definition (optional)

array[Element] Extensions for definition

guidance (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

guidance (optional)

Element

supplementalData (optional)

array[Measure_SupplementalData] The supplemental data criteria for the measure report, specified as either the name of a valid CQL expression within a referenced library, or a valid FHIR Resource Path.

measure

String A URI that is a reference to a canonical URL on a FHIR resource

reporter (optional)

Reference

evaluatedResource (optional)

array[Reference] A reference to a Bundle containing the Resources that were used in the calculation of this measure.

view (optional)

CodeableConcept

createdDateTime (optional)

String The date and time(s) at which the media was collected.

createdDateTime (optional)

Element

createdPeriod (optional)

Period

operator (optional)

Reference

deviceName (optional)

Element

height (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

height (optional)

Element

width (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

width (optional)

Element

frames (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

frames (optional)

Element

duration (optional)

Quantity

duration (optional)

Element

amount

Money

ingredient (optional)
A substance can be composed of other substances.

```
array[Substance_Ingredient] A substance can be composed of other substances.
```

`batch (optional)`

```
Medication_Batch
```

`_instantiates (optional)`

```
array[Element] Extensions for instantiates
```

`medicationCodeableConcept (optional)`

```
CodeableConcept
```

`medicationReference (optional)`

```
Reference
```

`eventHistory (optional)`

```
array[Reference] Links to Provenance records for past versions of this resource or fulfilling request or event resources that identify key state transitions or updates that are likely to be relevant to a user looking at the current version of the resource.
```

`statusReasonCodeableConcept (optional)`

```
CodeableConcept
```

`statusReasonReference (optional)`

```
Reference
```

`authorizingPrescription (optional)`

```
array[Reference] Indicates the medication order that is being dispensed against.
```

`daysSupply (optional)`

```
Quantity
```

`whenPrepared (optional)`

```
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
```

`whenHandedOver (optional)`

```
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.
```

`destination (optional)`

```
array[TestScript_Destination] An abstract server used in operations within this test script in the destination element.
```

`receiver (optional)`

```
array[Reference] Identifies the person who picked up the Supply.
```

`dosageInstruction (optional)`

```
array[Dosage] Indicates how the medication is to be used by the patient.
```

`substitution (optional)`

```
MedicationRequest_Substitution
```

`detectedIssue (optional)`

```
array[Reference] Indicates an actual or potential clinical issue with or between one or more active or proposed clinical actions for a patient; e.g. Drug-drug interaction, duplicate therapy, dosage alert etc.
```

`doseForm (optional)`

```
CodeableConcept
```

`synonym (optional)`

```
array[String] Additional names for a medication, for example, the name(s) given to a medication in different countries. For example, acetaminophen and paracetamol or salbutamol and albuterol.
```

```
array[Element] Extensions for synonym
```

`relatedMedicationKnowledge (optional)`

```
```
associatedMedication (optional)
array[Reference] Associated or related medications. For example, if the medication is a branded product (e.g. Crestor), this is the Therapeutic Moeity (e.g. Rosuvastatin) or if this is a generic medication (e.g. Rosuvastatin), this would link to a branded product (e.g. Crestor).

productType (optional)
array[CodeableConcept] Category of the medication or product (e.g. branded product, therapeutic moiety, generic product, innovator product, etc.).

monograph (optional)
array[MedicationKnowledge_Monograph] Associated documentation about the medication.

preparationInstruction (optional)
String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

intendedRoute (optional)
array[CodeableConcept] The intended or approved route of administration.

cost (optional)
array[MedicationKnowledge_Cost] The price of the medication.

monitoringProgram (optional)
array[MedicationKnowledge_MonitoringProgram] The program under which the medication is reviewed.

administrationGuidelines (optional)
array[MedicationKnowledge_AdministrationGuidelines] Guidelines for the administration of the medication.

medicineClassification (optional)
array[MedicationKnowledge_MedicineClassification] Categorization of the medication within a formulary or classification system.

packaging (optional)
MedicationKnowledge_Packaging

drugCharacteristic (optional)
array[MedicationKnowledge_DrugCharacteristic] Specifies descriptive properties of the medicine, such as color, shape, imprints, etc.

contraindication (optional)
array[Reference] Potential clinical issue with or between medication(s) (for example, drug-drug interaction, drug-disease contraindication, drug-allergy interaction, etc.).

regulatory (optional)
array[MedicationKnowledge_Regulatory] Regulatory information about a medication.

kinetics (optional)
array[MedicationKnowledge_Kinetics] The time course of drug absorption, distribution, metabolism and excretion of a medication from the body.

reportedBoolean (optional)
Boolean Indicates if this record was captured as a secondary 'reported' record rather than as an original primary source-of-truth record. It may also indicate the source of the report.

_element

reportedReference (optional)
Reference

_instantiatesCanonical (optional)
array[element] Extensions for instantiatesCanonical

courseOfTherapyType (optional)
CodeableConcept

dispenseRequest (optional)
MedicationRequest_DispenseRequest
priorPrescription (optional)
  Reference

dateAsserted (optional)
  String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
  specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.
  _dateAsserted (optional)
  Element

informationSource (optional)
  Reference

combinedPharmaceuticalDoseForm (optional)
  CodeableConcept

legalStatusOfSupply (optional)
  CodeableConcept

additionalMonitoringIndicator (optional)
  CodeableConcept

specialMeasures (optional)
  CodeableConcept

  array[String] Whether the Medicinal Product is subject to special measures for regulatory reasons.
  _specialMeasures (optional)
  array[Element] Extensions for specialMeasures

paediatricUseIndicator (optional)
  CodeableConcept

productClassification (optional)
  array[CodeableConcept] Allows the product to be classified by various systems.

marketingStatus (optional)

pharmaceuticalProduct (optional)

packagedMedicinalProduct (optional)
  array[Reference] Package representation for the product.

attachedDocument (optional)
  array[Reference] Supporting documentation, typically for regulatory submission.

masterFile (optional)
  array[Reference] A master file for to the medicinal product (e.g. Pharmacovigilance System Master
  File).

clinicalTrial (optional)
  array[Reference] Clinical trials or studies that this product is involved in.

crossReference (optional)
  array[Identifier] Reference to another product, e.g. for linking authorised to investigational product.

manufacturingBusinessOperation (optional)
  array[MedicinalProduct_ManufacturingBusinessOperation] An operation applied to the product, for
  manufacturing or administrative purpose.

specialDesignation (optional)
  array[MedicinalProduct_SpecialDesignation] Indicates if the medicinal product has an orphan
  designation for the treatment of a rare disease.

country (optional)
  array[CodeableConcept] The country in which the marketing authorization has been granted.

restoreDate (optional)
  String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
  specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
zero-filled and may be ignored. Dates SHALL be valid dates.
  _restoreDate (optional)
  Element
dataExclusivityPeriod (optional)

`Period`

dateOfFirstAuthorization (optional)

`String` A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

__dateOfFirstAuthorization (optional)

`Element`

internationalBirthDate (optional)

`String` A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

__internationalBirthDate (optional)

`Element`

legalBasis (optional)

`CodeableConcept`

jurisdictionalAuthorization (optional)


holder (optional)

`Reference`

regulator (optional)

`Reference`

disease (optional)

`CodeableConcept`

diseaseStatus (optional)

`CodeableConcept`

comorbidity (optional)

`array[CodeableConcept]` Comorbidity (concurrent condition) or co-infection as part of the indication.

therapeuticIndication (optional)

`array[Reference]` Information about the use of the medicinal product in relation to other therapies as part of the indication.

otherTherapy (optional)

`array[MedicinalProductIndication_OtherTherapy]` Information about the use of the medicinal product in relation to other therapies described as part of the indication.

diseaseSymptomProcedure (optional)

`CodeableConcept`

intendedEffect (optional)

`CodeableConcept`

undesirableEffect (optional)

`array[Reference]` Describe the undesirable effects of the medicinal product.

role

`CodeableConcept`

allergenicIndicator (optional)

`Boolean` Value of “true” or “false”

__allergenicIndicator (optional)

`Element`

specifiedSubstance (optional)

`array[MedicinalProductIngredient_SpecifiedSubstance]` A specified substance that comprises this ingredient.

substance (optional)

`MedicinalProductIngredient_Substance`

interactant (optional)
The specific medication, food or laboratory test that interacts.

- **effect (optional)**
  - CodeableConcept

- **incidence (optional)**
  - CodeableConcept

- **management (optional)**
  - CodeableConcept

- **manufacturedDoseForm**
  - CodeableConcept

- **unitOfPresentation (optional)**
  - CodeableConcept

- **otherCharacteristics (optional)**
  - array[CodeableConcept] Other codeable characteristics.

- **marketingAuthorization (optional)**
  - Reference

- **batchIdentifier (optional)**
  - array[MedicinalProductPackaged_BatchIdentifier] Batch numbering.

- **packageItem**
  - array[MedicinalProductPackaged_PackageItem] A packaging item, as a contained for medicine, possibly with other packaging items within.

- **administrableDoseForm**
  - CodeableConcept

- **characteristics (optional)**
  - array[MedicinalProductPharmaceutical_Characteristics] Characteristics e.g. a products onset of action.

- **routeOfAdministration**
  - array[MedicinalProductPharmaceutical_RouteOfAdministration] The path by which the pharmaceutical product is taken into or makes contact with the body.

- **symptomConditionEffect (optional)**
  - CodeableConcept

- **frequencyOfOccurrence (optional)**
  - CodeableConcept

- **base (optional)**
  - array[String] The base resource type(s) that this search parameter can be used against.

- **eventCoding (optional)**
  - Coding

- **eventUri (optional)**
  - String Code that identifies the event this message represents and connects it with its definition. Events defined as part of the FHIR specification have the system value "http://terminology.hl7.org/CodeSystem/message-events". Alternatively uri to the EventDefinition.

- **responseRequired (optional)**
  - Element
    - Enum: always, on-error, never, on-success

  - array[Element] Other response required details.

- **allowedResponse (optional)**
  - Element
array[MessageDefinition_AllowedResponse] indicates what types of messages may be sent as an application-level response to this message.

graph (optional)
array[String] Canonical reference to a GraphDefinition. If a URL is provided, it is the canonical reference to a [[[GraphDefinition]]] that it controls what resources are to be added to the bundle when building the document. The GraphDefinition can also specify profiles that apply to the various resources.

responsible (optional)
String A sequence of Unicode characters

response (optional)
Reference

coordinateSystem (optional)
BigDecimal A whole number

variant (optional)
array[MolecularSequence_Variant] The definition of variant here originates from Sequence ontology (variant_of). This element can represent amino acid or nucleic sequence change (including insertion, deletion, SNP, etc.) It can represent some complex mutation or segment variation with the assist of CIGAR string.

observedSeq (optional)
String A sequence of Unicode characters

elementSeq (optional)
Element

element (optional)

quality (optional)
array[MolecularSequence_Quality] An experimental feature attribute that defines the quality of the feature in a quantitative way, such as a phred quality score (SO:0001686).

readCoverage (optional)
BigDecimal A whole number

repository (optional)
array[MolecularSequence_Repository] Configurations of the external repository. The repository shall store target's observedSeq or records related with target's observedSeq.

pointer (optional)
array[Reference] Pointer to next atomic sequence which at most contains one variant.

structureVariant (optional)
array[MolecularSequence_StructureVariant] Information about chromosome structure variation.

uniqueId
array[NamingSystem_UniqueId] Indicates how the system may be identified when referenced in electronic exchange.

orderer (optional)
Reference

allergyIntolerance (optional)
array[Reference] A link to a record of allergies or intolerances which should be included in the nutrition order.

foodPreferenceModifier (optional)
array[CodeableConcept] This modifier is used to convey order-specific modifiers about the type of food that should be given. These can be derived from patient allergies, intolerances, or preferences such as Halal, Vegan or Kosher. This modifier applies to the entire nutrition order inclusive of the oral diet, nutritional supplements and enteral formula feedings.

excludeFoodModifier (optional)
This modifier is used to convey order-specific modifier about the type of oral food or oral fluids that should not be given. These can be derived from patient allergies, intolerances, or preferences such as No Red Meat, No Soy or No Wheat or Gluten-Free. While it should not be necessary to repeat allergy or intolerance information captured in the referenced AllergyIntolerance resource in the excludeFoodModifier, this element may be used to convey additional specificity related to foods that should be eliminated from the patient’s diet for any reason. This modifier applies to the entire nutrition order inclusive of the oral diet, nutritional supplements and enteral formula feedings.

oralDiet (optional)

NutritionOrder_OralDiet

supplement (optional)

array[NutritionOrder_Supplement]

Oral nutritional products given in order to add further nutritional value to the patient’s diet.

enteralFormula (optional)

NutritionOrder_EnteralFormula

effectiveTiming (optional)

Timing

effectiveInstant (optional)

String The time or time-period the observed value is asserted as being true. For biological subjects - e.g. human patients - this is usually called the “physiologically relevant time”. This is usually either the time of the procedure or of specimen collection, but very often the source of the date/time is not known, only the date/time itself.

_valueEffectiveInstant (optional)

Element

valueQuantity (optional)

Quantity

valueCodeableConcept (optional)

CodeableConcept

valueString (optional)

String The information determined as a result of making the observation, if the information has a simple value.

_valueString (optional)

Element

valueBoolean (optional)

Boolean The information determined as a result of making the observation, if the information has a simple value.

_valueBoolean (optional)

Element

valueInteger (optional)

BigDecimal The information determined as a result of making the observation, if the information has a simple value.

_valueInteger (optional)

Element

valueRange (optional)

Range

valueRatio (optional)

Ratio

valueSampledData (optional)

SampledData

valueTime (optional)

String The information determined as a result of making the observation, if the information has a simple value.

_valueTime (optional)

Element

valueDateTime (optional)

String The information determined as a result of making the observation, if the information has a simple value.
_valueDateTime (optional)

Element

valuePeriod (optional)

Period

interpretation (optional)

array[CodeableConcept] A categorical assessment of an observation value. For example, high, low, normal.

method (optional)

CodeableConcept

referenceRange (optional)

array[Observation_ReferenceRange] Guidance on how to interpret the value by comparison to a normal or recommended range. Multiple reference ranges are interpreted as an "OR". In other words, to represent two distinct target populations, two referenceRange elements would be used.

hasMember (optional)

array[Reference] This observation is a group observation (e.g. a battery, a panel of tests, a set of vital sign measurements) that includes the target as a member of the group.

component (optional)

array[SearchParameter_Component] Used to define the parts of a composite search parameter.

permittedDataType (optional)

array[String] The data types allowed for the value element of the instance observations conforming to this ObservationDefinition.

   Enum:

   _permittedDataType (optional)

   array[Element] Extensions for permittedDataType

multipleResultsAllowed (optional)

Boolean Value of "true" or "false"

   _multipleResultsAllowed (optional)

Element

preferredReportName (optional)

String A sequence of Unicode characters

   _preferredReportName (optional)

Element

quantitativeDetails (optional)

ObservationDefinition_QuantitativeDetails

qualifiedInterval (optional)

array[ObservationDefinition_QualifiedInterval] Multiple ranges of results qualified by different contexts for ordinal or continuous observations conforming to this ObservationDefinition.

validCodedValueSet (optional)

Reference

normalCodedValueSet (optional)

Reference

   __

abnormalCodedValueSet (optional)

Reference

   criticalCodedValueSet (optional)

Reference

affectsState (optional)

Boolean Value of "true" or "false"

   _affectsState (optional)

Element

resource (optional)

array[Element] Extensions for resource

   __

system (optional)

Boolean Value of "true" or "false"

   _system (optional)
_instance (optional)

inputProfile (optional)

A URI that is a reference to a canonical URL on a FHIR resource

outputProfile (optional)

A URI that is a reference to a canonical URL on a FHIR resource

overload (optional)

Defines an appropriate combination of parameters to use when invoking this operation, to help code generators when generating overloaded parameter sets for this operation.

issue

An error, warning, or information message that results from a system action.

participatingOrganization (optional)

The list of healthcare services that this worker provides for this role's Organization/Location(s).

gender (optional)

Administrative Gender - the gender that the person is considered to have for administration and record keeping purposes.

Enum:
- male
- female
- other
- unknown

_paymentDate (optional)

A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_paymentDate (optional)

A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.
Element

paymentStatus (optional)
CodeableConcept
paymentIssuer (optional)
Reference

paymentAmount
Money
paymentIdentifier (optional)
Identifier

qualification (optional)
array[Practitioner_Qualification] The official certifications, training, and licenses that authorize or otherwise pertain to the provision of care by the practitioner. For example, a medical license issued by a medical board authorizing the practitioner to practice medicine within a certain locality.

practitioner (optional)
Reference

performedDateTime (optional)
String Estimated or actual date, date-time, period, or age when the procedure was performed. Allows a period to support complex procedures that span more than one date, and also allows for the length of the procedure to be captured.

performedDateTime (optional)
Element

performedPeriod (optional)
Period

performedString (optional)
String Estimated or actual date, date-time, period, or age when the procedure was performed. Allows a period to support complex procedures that span more than one date, and also allows for the length of the procedure to be captured.

performedString (optional)
Element

performedAge (optional)
Age

performedRange (optional)
Range

report (optional)
array[Reference] This could be a histology result, pathology report, surgical report, etc.

complication (optional)
array[CodeableConcept] Any complications that occurred during the procedure, or in the immediate post-performance period. These are generally tracked separately from the notes, which will typically describe the procedure itself rather than any 'post procedure' issues.

complicationDetail (optional)
array[Reference] Any complications that occurred during the procedure, or in the immediate post-performance period.

followUp (optional)
array[CodeableConcept] If the procedure required specific follow up - e.g. removal of sutures. The follow up may be represented as a simple note or could potentially be more complex, in which case the CarePlan resource can be used.

criticalDevice (optional)
array[Procedure_FocalDevice] A device that is implanted, removed or otherwise manipulated (calibration, battery replacement, fitting a prosthesis, attaching a wound-vac, etc.) as a focal portion of the Procedure.

usedReference (optional)
array[Reference] Identifies medications, devices and any other substance used as part of the procedure.

usedCode (optional)
array[CodeableConcept] Identifies coded items that were used as part of the procedure.

occurredPeriod (optional)
occurredDateTime (optional)

String  The period during which the activity occurred.

_occurredDateTime (optional)

Element

_policy (optional)

array[Element]  Extensions for policy

subjectType (optional)

array[String]  The types of subjects that can be the subject of responses created for the questionnaire.

_subjectType (optional)

array[Element]  Extensions for subjectType

questionnaire (optional)

String  A URI that is a reference to a canonical URL on a FHIR resource

authored (optional)

String  A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_authored (optional)

Element

variableType (optional)

String  The type of the outcome (e.g. Dichotomous, Continuous, or Descriptive).

  Enum:
    dichotomous
    continuous
    descriptive

_variableType (optional)

Element

primaryPurposeType (optional)

CodeableConcept

phase (optional)

CodeableConcept

keyword (optional)

array[Coding]  A set of key words or terms from external terminologies that may be used to assist with indexing and searching of templates nby describing the use of this structure definition, or the content it describes.

enrollment (optional)

array[Reference]  Reference to a Group that defines the criteria for and quantity of subjects participating in the study. E.g. " 200 female Europeans between the ages of 20 and 45 with early onset diabetes".

sponsor (optional)

Reference

principalInvestigator (optional)

Reference

reasonStopped (optional)

CodeableConcept

arm (optional)

array[ResearchStudy_Arm]  Describes an expected sequence of events for one of the participants of a study. E.g. Exposure to drug A, wash-out, exposure to drug B, wash-out, follow-up.

objective (optional)

array[ResearchStudy_Objective]  A goal that the study is aiming to achieve in terms of a scientific question to be answered by the analysis of data collected during the study.

individual

Reference

assignedArm (optional)

String  A sequence of Unicode characters
_assignedArm (optional)
   Element

actualArm (optional)
   String A sequence of Unicode characters
   _actualArm (optional)
   Element

consent (optional)
   Reference

basis (optional)
   array[Reference] Indicates the source data considered as part of the assessment (for example, FamilyHistory, Observations, Procedures, Conditions, etc.).

prediction (optional)
   array[RiskAssessment_Prediction] Describes the expected outcome for the subject.
   _mitigation (optional)
   Element

riskEstimate (optional)
   RiskEvidenceSynthesis_RiskEstimate

planningHorizon (optional)
   Period
   _base (optional)
   array[Element] Extensions for base

expression (optional)
   String A sequence of Unicode characters
   _expression (optional)
   Element

xpath (optional)
   String A sequence of Unicode characters
   _xpath (optional)
   Element

xpathUsage (optional)
   String How the search parameter relates to the set of elements returned by evaluating the xpath query.
   Enum:
   normal
   phonetic
   nearby
   distance
   other
   _xpathUsage (optional)
   array[Element]

_target (optional)
   array[Element] Extensions for target

multipleOr (optional)
   Boolean Value of “true” or “false”
   _multipleOr (optional)
   Element

multipleAnd (optional)
   Boolean Value of “true” or “false”
   _multipleAnd (optional)
   Element

comparator (optional)
   array[String] Comparators supported for the search parameter.
   Enum:

   _comparator (optional)
   array[Element] Extensions for comparator
modifier (optional)
array[String] A modifier supported for the search parameter.

_enum:

modifier (optional)
array[Element] Extensions for modifier

chain (optional)
array[String] Contains the names of any search parameters which may be chained to the containing search parameter. Chained parameters may be added to search parameters of type reference and specify that resources will only be returned if they contain a reference to a resource which matches the chained parameter value. Values for this field should be drawn from SearchParameter.code for a parameter on the target resource type.

_chain (optional)
array[Element] Extensions for chain

requisition (optional)
Identifier

genericItem (optional)
array[Element]

orderDetail (optional)
array[CodeableConcept] Additional details and instructions about the how the services are to be delivered. For example, and order for a urinary catheter may have an order detail for an external or indwelling catheter, or an order for a bandage may require additional instructions specifying how the bandage should be applied.

genericItem (optional)
array[Element]

quantity (optional)
Quantity

quantity (optional)
Ratio

quantity (optional)
Range

asNeeded (optional)
Boolean If a CodeableConcept is present, it indicates the pre-condition for performing the service. For example "pain", "on flare-up", etc.

_asNeeded (optional)
Element

asNeeded (optional)
CodeableConcept

locationCode (optional)
array[CodeableConcept] The preferred location(s) where the procedure should actually happen in coded or free text form. E.g. at home or nursing day care center.

genericItem (optional)
array[Element]

locationReference (optional)
array[Reference] A reference to the the preferred location(s) where the procedure should actually happen. E.g. at home or nursing day care center.

genericItem (optional)
array[Element]

schedule
Reference

overbooked (optional)
Boolean Value of “true” or “false”

_overbooked (optional)
Element

accessionIdentifier (optional)
Identifier

genericItem (optional)
array[Element]

receivedTime (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

genericItem (optional)
array[Element]

container (optional)
array[Specimen_Container] The container holding the specimen. The recursive nature of containers, i.e. blood in tube in tray in rack is not addressed here.

typeCollected (optional)
  CodeableConcept

patientPreparation (optional)
  array[CodeableConcept] Preparation of the patient for specimen collection.

timeAspect (optional)
  String A sequence of Unicode characters

  _timeAspect (optional)
  Element

typeTested (optional)
  array[SpecimenDefinition_TypeTested] Specimen conditioned in a container as expected by the testing laboratory.

mapping (optional)
  array[StructureDefinition_Mapping] An external specification that the content is mapped to.

abstract (optional)
  Boolean Value of “true” or “false”

  _abstract (optional)
  Element

contextInvariant (optional)
  array[String] A set of rules as FHIRPath Invariants about when the extension can be used (e.g. co-occurrence variants for the extension). All the rules must be true.

  _contextInvariant (optional)
  array[Element] Extensions for contextInvariant

baseDefinition (optional)
  String A URI that is a reference to a canonical URL on a FHIR resource

derivation (optional)
  String How the type relates to the baseDefinition.

    Enum: specialization constraint

  _derivation (optional)
  Element

snapshot (optional)
  StructureDefinition_Snapshot

differential (optional)
  StructureDefinition_Differential

structure (optional)
  SubstanceSpecification_Structure

import (optional)
  array[String] Other maps used by this map (canonical URLs).

_reason (optional)
  Element

criteria (optional)
  String A sequence of Unicode characters

  _criteria (optional)
  Element

_error (optional)
  Element

channel
  Subscription_Channel

sequenceType (optional)
  CodeableConcept

numberOfSubunits (optional)
BigDecimal A whole number

_subnumberOfSubunits (optional)
Element

areaOfHybridisation (optional)
String A sequence of Unicode characters

__areaOfHybridisation (optional)
Element

oligoNucleotideType (optional)
CodeableConcept

subunit (optional)
array[SubstanceProtein_Subunit] This subclause refers to the description of each subunit constituting the SubstanceProtein. A subunit is a linear sequence of amino acids linked through peptide bonds. The Subunit information shall be provided when the finished SubstanceProtein is a complex of multiple sequences; subunits are not used to delineate domains within a single sequence. Subunits are listed in order of decreasing length; sequences of the same length will be ordered by decreasing molecular weight; subunits that have identical sequences will be repeated multiple times.

g-geometry (optional)
CodeableConcept

copolymerConnectivity (optional)
array[CodeableConcept] Todo.

modification (optional)
array[String] Todo.

__modification (optional)
array[Element] Extensions for modification

monomerSet (optional)
array[SubstancePolymer_MonomerSet] Todo.

repeat (optional)
array[SubstancePolymer_Repeat] Todo.

disulfideLinkage (optional)
array[String] The disulphide bond between two cysteine residues either on the same subunit or on two different subunits shall be described. The position of the disulfide bonds in the SubstanceProtein shall be listed in increasing order of subunit number and position within subunit followed by the abbreviation of the amino acids involved. The disulfide linkage positions shall actually contain the amino acid Cysteine at the respective positions.

__disulfideLinkage (optional)
array[Element] Extensions for disulfideLinkage

gene (optional)

geneElement (optional)

sourceMaterialClass (optional)
CodeableConcept

sourceMaterialType (optional)
CodeableConcept

sourceMaterialState (optional)
CodeableConcept

organismId (optional)
Identifier

organismName (optional)
String A sequence of Unicode characters

__organismName (optional)
Element

parentSubstanceId (optional)
array[Identifier] The parent of the herbal drug Ginkgo biloba, Leaf is the substance ID of the substance (fresh) of Ginkgo biloba L. or Ginkgo biloba L. (Whole plant).
parentSubstanceName (optional)

  _parentSubstanceName (optional)
  array[Element] Extensions for parentSubstanceName

countryOfOrigin (optional)
  array[CodeableConcept] The country where the plant material is harvested or the countries where the plasma is sourced from as laid down in accordance with the Plasma Master File. For plasma-derived substances, the attribute country of origin provides information about the countries used for the manufacturing of the Cryopoor plasma or Crioprecipitate.

geographicalLocation (optional)
  array[String] The place/region where the plant is harvested or the places/regions where the animal source material has its habitat.

  _geographicalLocation (optional)
  array[Element] Extensions for geographicalLocation

developmentStage (optional)
  CodeableConcept

fractionDescription (optional)
  array[SubstanceSourceMaterial_FractionDescription] Many complex materials are fractions of parts of plants, animals, or minerals. Fraction elements are often necessary to define both Substances and Specified Group 1 Substances. For substances derived from plants, fraction information will be captured at the Substance information level (e.g., Oils, Juices and Exudates). Additional information for Extracts, such as extraction solvent composition, will be captured at the Specified Substance Group 1 information level. For plasma-derived products fraction information will be captured at the Substance and the Specified Substance Group 1 levels.

organism (optional)
  SubstanceSourceMaterial_Organism

partDescription (optional)
  array[SubstanceSourceMaterial_PartDescription] To do.

moiety (optional)
  array[SubstanceSpecification_Moiety] Moiety, for structural modifications.

referenceInformation (optional)
  Reference

molecularWeight (optional)
  array[SubstanceSpecification_MolecularWeight] The molecular weight or weight range (for proteins, polymers or nucleic acids).

nucleicAcid (optional)
  Reference

polymer (optional)
  Reference

protein (optional)
  Reference

sourceMaterial (optional)
  Reference

suppliedItem (optional)
  SupplyDelivery_SuppliedItem

supplier (optional)
  array[Reference] Who is intended to fulfill the request.

itemCodeableConcept (optional)
  CodeableConcept

itemReference (optional)
  Reference

deliverFrom (optional)
  Reference

deliverTo (optional)
  Reference
businessStatus (optional)
  CodeableConcept

for (optional)
  Reference

executionPeriod (optional)
  Period

lastModified (optional)
  String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_lastModified (optional)
  Element

restriction (optional)
  Task_Restriction

input (optional)
  array(Task_Input) Additional information that may be needed in the execution of the task.

output (optional)
  array(Task_Output) Outputs produced by the Task.

lockedDate (optional)
  Boolean value of “true” or “false”

_lockedDate (optional)
  Element

codeSystem (optional)
  array(TerminologyCapabilities_CodeSystem) Identifies a code system that is supported by the server. If there is a no code system URL, then this declares the general assumptions a client can make about support for any CodeSystem resource.

codeSearch (optional)
  String The degree to which the server supports the code search parameter on ValueSet, if it is supported.

  Enum:
  explicit
  all

_codeSearch (optional)
  Element

validateCode (optional)
  TerminologyCapabilities_ValidateCode

testScript
  Reference

_result (optional)
  Element

score (optional)
  BigDecimal A rational number with implicit precision

_score (optional)
  Element

tester (optional)
  String A sequence of Unicode characters

_tester (optional)
  Element
setup (optional)
  TestScript_Setup

test (optional)
  array[TestScript_Test] A test in this script.

tear down (optional)
  TestScript_TearDown

origin (optional)
  array[TestScript_Origin] An abstract server used in operations within this test script in the origin element.

metadata (optional)
  TestScript_Metadata

fixture (optional)
  array[TestScript_Fixture] Fixture in the test script - by reference (uri). All fixtures are required for the test script to execute.

variable (optional)
  array[TestScript_Variable] Variable is set based either on element value in response body or on header field value in the response headers.

immutable (optional)
  Boolean Value of "true" or "false"

compose (optional)
  ValueSet_Compose

targetLocation (optional)
  array[String] The fhirpath location(s) within the resource that was validated.

_targetLocation (optional)
  array[Element] Extensions for targetLocation

need (optional)
  CodeableConcept

validationType (optional)
  CodeableConcept

validationProcess (optional)
  array[CodeableConcept] The primary process by which the target is validated (edit check; value set; primary source; multiple sources; standalone; in context).

frequency (optional)
  Timing

lastPerformed (optional)
  String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_lastPerformed (optional)
  Element

nextScheduled (optional)
  String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_nextScheduled (optional)
  Element

failureAction (optional)
  CodeableConcept

attestation (optional)
  VerificationResult_Attestation

validator (optional)
  array[VerificationResult_Validator] Information about the entity validating information.
dateWritten (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_dateWritten (optional)

Element

prescriber

Reference

lensSpecification

array[VisionPrescription_LensSpecification] Contain the details of the individual lens specifications and serves as the authorization for the fulfillment by certified professionals.

RiskAssessment -

An assessment of the likely outcome(s) for a patient or other subject as well as the likelihood of each outcome.

resourceType

oas_any_type_not_mapped This is a RiskAssessment resource

id (optional)

String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String A string of characters used to identify a name or a resource

__implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

__language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
identifier (optional)
array[Identifier] Business identifier assigned to the risk assessment.

basedOn (optional)
Reference

parent (optional)
Reference

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

method (optional)
CodeableConcept

code (optional)
CodeableConcept

subject
Reference

encounter (optional)
Reference

occurrenceDateTime (optional)
String The date (and possibly time) the risk assessment was performed.

condition (optional)
Reference

performer (optional)
Reference

reasonCode (optional)
array[CodeableConcept] The reason the risk assessment was performed.

reasonReference (optional)
array[Reference] Resources supporting the reason the risk assessment was performed.

basis (optional)
array[Reference] Indicates the source data considered as part of the assessment (for example, FamilyHistory, Observations, Procedures, Conditions, etc.).

prediction (optional)
array[RiskAssessment_Prediction] Describes the expected outcome for the subject.

mitigation (optional)
String A sequence of Unicode characters

note (optional)
array[Annotation] Additional comments about the risk assessment.

RiskAssessment_Prediction -

An assessment of the likely outcome(s) for a patient or other subject as well as the likelihood of each outcome.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**outcome (optional)**

CodeableConcept

**probabilityDecimal (optional)**

BigDecimal Indicates how likely the outcome is (in the specified timeframe).

_probabilityDecimal (optional)

Element

probabilityRange (optional)

Range

**qualitativeRisk (optional)**

CodeableConcept

**relativeRisk (optional)**

BigDecimal A rational number with implicit precision

_relativeRisk (optional)

Element

whenPeriod (optional)

Period

whenRange (optional)

Range

rationale (optional)

String A sequence of Unicode characters

_rationale (optional)

Element

RiskEvidenceSynthesis -

The RiskEvidenceSynthesis resource describes the likelihood of an outcome in a population plus exposure state where the risk estimate is derived from a combination of research studies.

**resourceType**

oas_any_type_not_mapped This is a RiskEvidenceSynthesis resource

**id (optional)**

String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

Meta

**implicitRules (optional)**

String String of characters used to identify a name or a resource

_implicitRules (optional)

Element

language (optional)
A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

language (optional)

Element
text (optional)

Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier extensions provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)

String String of characters used to identify a name or a resource

_url (optional)

Element

identifier (optional)
array[Identifier] A formal identifier that is used to identify this risk evidence synthesis when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)

String A sequence of Unicode characters

_version (optional)

Element

name (optional)

String A sequence of Unicode characters

__name (optional)

Element

title (optional)

String A sequence of Unicode characters

__title (optional)

Element

status (optional)

String The status of this risk evidence synthesis. Enables tracking the life-cycle of the content.

Enum:
draft
active
retired
unknown

__status (optional)

Element
date (optional)
String  A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)
Element

publisher (optional)
String  A sequence of Unicode characters

_publisher (optional)
Element

contact (optional)
array[ContactDetail]  Contact details to assist a user in finding and communicating with the publisher.

description (optional)
String  A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)
Element

note (optional)
array[Annotation]  A human-readable string to clarify or explain concepts about the resource.

useContext (optional)
array[UsageContext]  The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate risk evidence synthesis instances.

jurisdiction (optional)
array[CodeableConcept]  A legal or geographic region in which the risk evidence synthesis is intended to be used.

copyright (optional)
String  A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_copyright (optional)
Element

approvalDate (optional)
String  A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_approvalDate (optional)
Element

lastReviewDate (optional)
String  A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_lastReviewDate (optional)
Element

effectivePeriod (optional)
Period

topic (optional)
array[CodeableConcept]  Descriptive topics related to the content of the RiskEvidenceSynthesis. Topics provide a high-level categorization grouping types of EffectEvidenceSynthesis that can be useful for filtering and searching.

author (optional)
array[ContactDetail]  An individual or organization primarily involved in the creation and maintenance of the content.

editor (optional)
array[ContactDetail]  An individual or organization primarily responsible for internal coherence of the content.

reviewer (optional)
array[ContactDetail]  An individual or organization primarily responsible for review of some aspect of the content.
endorser (optional)
array[ContactDetail] An individual or organization responsible for officially endorsing the content for use in some setting.
relatedArtifact (optional)
array[RelatedArtifact] Related artifacts such as additional documentation, justification, or bibliographic references.
synthesisType (optional)
CodeableConcept
studyType (optional)
CodeableConcept
population
Reference
exposure (optional)
Reference
outcome
Reference
sampleSize (optional)
RiskEvidenceSynthesis_SampleSize
riskEstimate (optional)
RiskEvidenceSynthesis_RiskEstimate
certainty (optional)

RiskEvidenceSynthesis_Certainty -

The RiskEvidenceSynthesis resource describes the likelihood of an outcome in a population plus exposure state where the risk estimate is derived from a combination of research studies.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

rating (optional)
array[CodeableConcept] A rating of the certainty of the effect estimate.

note (optional)
array[Annotation] A human-readable string to clarify or explain concepts about the resource.

certaintySubcomponent (optional)

RiskEvidenceSynthesis_CertaintySubcomponent -

Up
The RiskEvidenceSynthesis resource describes the likelihood of an outcome in a population plus exposure state where the risk estimate is derived from a combination of research studies.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**type (optional)**

*CodeableConcept*

**rating (optional)**

*array[CodeableConcept]* A rating of a subcomponent of rating certainty.

**note (optional)**

*array[Annotation]* A human-readable string to clarify or explain concepts about the resource.

---

The RiskEvidenceSynthesis resource describes the likelihood of an outcome in a population plus exposure state where the risk estimate is derived from a combination of research studies.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**type (optional)**

*CodeableConcept*

**level (optional)**

*BigDecimal* A rational number with implicit precision

**_level (optional)**

*Element*
RiskEvidenceSynthesis_RiskEstimate -

The RiskEvidenceSynthesis resource describes the likelihood of an outcome in a population plus exposure state where the risk estimate is derived from a combination of research studies.

- id (optional)
  *String* A sequence of Unicode characters

- extension (optional)
  *array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- modifierExtension (optional)
  *array[Extension]*

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- description (optional)
  *String* A sequence of Unicode characters

- type (optional)
  *CodeableConcept*

- value (optional)
  *BigDecimal* A rational number with implicit precision

- unitOfMeasure (optional)
  *CodeableConcept*

- denominatorCount (optional)
  *BigDecimal* A whole number

- numeratorCount (optional)
  *BigDecimal* A whole number
RiskEvidenceSynthesis_PrecisionEstimate -

A description of the precision of the estimate for the effect.

RiskEvidenceSynthesis_SampleSize -

The RiskEvidenceSynthesis resource describes the likelihood of an outcome in a population plus exposure state where the risk estimate is derived from a combination of research studies.

- id (optional) String A sequence of Unicode characters
- extension (optional) array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- modifierExtension (optional) array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
- description (optional) String A sequence of Unicode characters
- _description (optional) Element
- numberOfStudies (optional) BigDecimal A whole number
- _numberOfStudies (optional) Element
- numberOfParticipants (optional) BigDecimal A whole number
- _numberOfParticipants (optional) Element

SampledData -

A series of measurements taken by a device, with upper and lower limits. There may be more than one dimension in the data.

- id (optional) String A sequence of Unicode characters
- extension (optional) array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- origin Quantity
- period (optional) BigDecimal A rational number with implicit precision
- _period (optional) Element
factor (optional)

BigDecimal A rational number with implicit precision

_factor (optional)

element

lowerLimit (optional)

BigDecimal A rational number with implicit precision

_lowerLimit (optional)

element

upperLimit (optional)

BigDecimal A rational number with implicit precision

_upperLimit (optional)

element

dimensions (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_dimensions (optional)

element

data (optional)

String A sequence of Unicode characters

_data (optional)

element

Schedule -

A container for slots of time that may be available for booking appointments.

resourceType oas_any_type_not_mapped This is a Schedule resource

id (optional)

String Any combination of letters, numerals, "-" and "." with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

_implicitRules (optional)

element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

_language (optional)

element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource
that contains them - they cannot be identified independently, and nor can they have their own
independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]
May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] External Ids for this item.

active (optional)

Boolean Value of "true" or "false"

_active (optional)

Element

serviceCategory (optional)

array[CodeableConcept] A broad categorization of the service that is to be performed during this appointment.

serviceType (optional)

array[CodeableConcept] The specific service that is to be performed during this appointment.

specialty (optional)

array[CodeableConcept] The specialty of a practitioner that would be required to perform the service requested in this appointment.

actor

array[Reference] Slots that reference this schedule resource provide the availability details to these referenced resource(s).

planningHorizon (optional)

Period

comment (optional)

String A sequence of Unicode characters

_comment (optional)

Element

SearchParameter -

A search parameter that defines a named search item that can be used to search/filter on a resource.

resourceType

oas_any_type_not_mapped This is a SearchParameter resource

id (optional)

String Any combination of letters, numerals, "," and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

_implicitRules (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

text (optional)

Narrative
contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them, they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)
String String of characters used to identify a name or a resource

_version (optional)
Element

date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_status (optional)
Element

name (optional)
String A sequence of Unicode characters

derivedFrom (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

status (optional)
String The status of this search parameter. Enables tracking the life-cycle of the content.

lıklar:
  draft
  active
  retired
  unknown

experimental (optional)
Boolean Value of “true” or “false”

_publisher (optional)
String A sequence of Unicode characters
_publisher (optional)

**Element**

contact (optional)

array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)

**String** A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)

**Element**

useContext (optional)

array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate search parameter instances.

jurisdiction (optional)

array[CodeableConcept] A legal or geographic region in which the search parameter is intended to be used.

purpose (optional)

**String** A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_purpose (optional)

**Element**

code (optional)

**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

code (optional)

**Element**

base (optional)

array[String] The base resource type(s) that this search parameter can be used against.

_base (optional)

array[Element] Extensions for base

type (optional)

**String** The type of value that a search parameter may contain, and how the content is interpreted.

Enum:

- number
- date
- string
- token
- reference
- composite
- quantity
- uri
- special

_type (optional)

**Element**

expression (optional)

**String** A sequence of Unicode characters

_expression (optional)

**Element**

xpath (optional)

**String** A sequence of Unicode characters

_xpath (optional)

**Element**

xpathUsage (optional)

**String** How the search parameter relates to the set of elements returned by evaluating the xpath query.

Enum:
xpathUsage (optional)
Element
target (optional)
array[String] Types of resource (if a resource is referenced).

_target (optional)
array[Element] Extensions for target

multipleOr (optional)
Boolean Value of “true” or “false”

_multipleOr (optional)
Element

multipleAnd (optional)
Boolean Value of “true” or “false”

_multipleAnd (optional)
Element

comparator (optional)
array[String] Comparators supported for the search parameter.

_comparator (optional)
array[Element] Extensions for comparator

modifier (optional)
array[String] A modifier supported for the search parameter.

_modifier (optional)
array[Element] Extensions for modifier

class (optional)
array[String] Contains the names of any search parameters which may be chained to the containing search parameter. Chained parameters may be added to search parameters of type reference and specify that resources will only be returned if they contain a reference to a resource which matches the chained parameter value. Values for this field should be drawn from SearchParameter.code for a parameter on the target resource type.

_class (optional)
array[Element] Extensions for class

component (optional)
array[SearchParameter_Component] Used to define the parts of a composite search parameter.

SearchParameter_Component

A search parameter that defines a named search item that can be used to search/filter on a resource.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

definition
String A URI that is a reference to a canonical URL on a FHIR resource

expression (optional)
String A sequence of Unicode characters

_expression (optional)
Element

ServiceRequest -
A record of a request for service such as diagnostic investigations, treatments, or operations to be performed.

resourceType
oas_any_type_not_mapped This is a ServiceRequest resource

id (optional)
String Any combination of letters, numerals, “-” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefix OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
Meta

implicitRules (optional)
String String of characters used to identify a name or a resource

_language (optional)
Element

language (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)
Element

text (optional)
Narrative

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
instantiatesCanonical (optional)
array[String] The URL pointing to a FHIR-defined protocol, guideline, orderset or other definition that is adhered to in whole or in part by this ServiceRequest.

instantiatesUri (optional)
array[String] The URL pointing to an externally maintained protocol, guideline, orderset or other definition that is adhered to in whole or in part by this ServiceRequest.

_instantiatesUri (optional)
array[Element] Extensions for instantiatesUri

basedOn (optional)
array[Reference] Plan/proposal/order fulfilled by this request.

replaces (optional)
array[Reference] The request takes the place of the referenced completed or terminated request(s).

requisition (optional)
Identifier

status (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_intent (optional)
Element

category (optional)
array[CodeableConcept] A code that classifies the service for searching, sorting and display purposes (e.g. "Surgical Procedure").

priority (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_doNotPerform (optional)
Boolean Value of "true" or "false"

_code (optional)
CodeableConcept

orderDetail (optional)
array[CodeableConcept] Additional details and instructions about how the services are to be delivered. For example, and order for a urinary catheter may have an order detail for an external or indwelling catheter, or an order for a bandage may require additional instructions specifying how the bandage should be applied.

_quantityQuantity (optional)
Quantity

_quantityRatio (optional)
Ratio

_quantityRange (optional)
Range

_subject
Reference

_encounter (optional)
Reference
occurrenceDateTime (optional)
- String: The date/time at which the requested service should occur.

_occurrenceDateTime (optional)
- Element

occurrencePeriod (optional)
- Period

occurrenceTiming (optional)
- Timing

asNeededBoolean (optional)
- Boolean: If a CodeableConcept is present, it indicates the pre-condition for performing the service. For example, 'pain', on flare-up', etc.

_asNeededBoolean (optional)
- Element

asNeededCodeableConcept (optional)
- CodeableConcept

authoredOn (optional)
- String: A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_authoredOn (optional)
- Element

requester (optional)
- Reference

performerType (optional)
- CodeableConcept

performer (optional)
- array[Reference]: The desired performer for doing the requested service. For example, the surgeon, dermatopathologist, endoscopist, etc.

locationCode (optional)
- array[CodeableConcept]: The preferred location(s) where the procedure should actually happen in coded or free text form. E.g. at home or nursing day care center.

locationReference (optional)
- array[Reference]: A reference to the the preferred location(s) where the procedure should actually happen. E.g. at home or nursing day care center.

reasonCode (optional)
- array[CodeableConcept]: An explanation or justification for why this service is being requested in coded or textual form. This is often for billing purposes. May relate to the resources referred to in supportingInfo.

reasonReference (optional)
- array[Reference]: Indicates another resource that provides a justification for why this service is being requested. May relate to the resources referred to in supportingInfo.

insurance (optional)
- array[Reference]: Insurance plans, coverage extensions, pre-authorizations and/or pre-determinations that may be needed for delivering the requested service.

supportingInfo (optional)
- array[Reference]: Additional clinical information about the patient or specimen that may influence the services or their interpretations. This information includes diagnosis, clinical findings and other observations. In laboratory ordering these are typically referred to as "ask at order entry questions (AOEs)". This includes observations explicitly requested by the producer (filler) to provide context or supporting information needed to complete the order. For example, reporting the amount of inspired oxygen for blood gas measurements.

specimen (optional)
- array[Reference]: One or more specimens that the laboratory procedure will use.

bodySite (optional)
Anatomic location where the procedure should be performed. This is the target site.

**note (optional)**

An array of `Annotation` - Any other notes and comments made about the service request. For example, internal billing notes.

**patientInstruction (optional)**

A `String` - A sequence of Unicode characters

**relevantHistory (optional)**

An array of `Reference` - Key events in the history of the request.

---

**Signature -**

A signature along with supporting context. The signature may be a digital signature that is cryptographic in nature, or some other signature acceptable to the domain. This other signature may be as simple as a graphical image representing a hand-written signature, or a signature ceremony. Different signature approaches have different utilities.

- **id (optional)**
  - `String` - A sequence of Unicode characters

- **extension (optional)**
  - An array of `Extension` - May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **type (optional)**
  - An array of `Coding` - An indication of the reason that the entity signed this document. This may be explicitly included as part of the signature information and can be used when determining accountability for various actions concerning the document.

- **when (optional)**
  - `String` - An instant in time - known at least to the second

- **who (optional)**
  - An `Reference`

- **onBehalfOf (optional)**
  - An `Reference`

- **targetFormat (optional)**
  - `String` - A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **sigFormat (optional)**
  - `String` - A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **data (optional)**
  - `String` - A stream of bytes

---

**Slot -**

A slot of time on a schedule that may be available for booking appointments.

- **resourceType**
  - `oas_any_type_not_mapped` - This is a Slot resource
id (optional)
- **String**: Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefix OID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

meta (optional)
- **Meta**

implicitRules (optional)
- **String**: String of characters used to identify a name or a resource

_language (optional)
- **Element**

language (optional)
- **String**: A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_text (optional)
- **Narrative**

contained (optional)
- **array[ResourceList]**: These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
- **array[Extension]**: May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
- **array[Extension]**: May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
- **array[Identifier]**: External IDs for this item.

serviceCategory (optional)
- **array[CodeableConcept]**: A broad categorization of the service that is to be performed during this appointment.

serviceType (optional)
- **array[CodeableConcept]**: The type of appointments that can be booked into this slot (ideally this would be an identifiable service - which is at a location, rather than the location itself). If provided then this overrides the value provided on the availability resource.

specialty (optional)
- **array[CodeableConcept]**: The specialty of a practitioner that would be required to perform the service requested in this appointment.

appointmentType (optional)
- **CodeableConcept**

schedule
- **Reference**

status (optional)
- **String**: **busy** | **free** | **busy-unavailable** | **busy-tentative** | **entered-in-error**. Enum:
**Specimen** - A sample to be used for analysis.

- **resourceType**
  - oas-any-type_not_mapped: This is a Specimen resource

- **id** (optional)
  - String: Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

- **meta** (optional)
  - Meta

- **implicitRules** (optional)
  - String: String of characters used to identify a name or a resource

- **language** (optional)
  - String: A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **text** (optional)
  - Narrative

- **contained** (optional)
  - array[ResourceList]: These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension** (optional)
  - array[Extension]: May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension** (optional)
### array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

#### identifier (optional)

array[Identifier] Id for specimen.

#### accessionIdentifier (optional)

Identifier

#### status (optional)

String The availability of the specimen.

- available
- unavailable
- unsatisfactory
- entered-in-error

#### type (optional)

CodeableConcept

#### subject (optional)

Reference

#### receivedTime (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_ receivedTime (optional)

Element

#### parent (optional)

array[Reference] Reference to the parent (source) specimen which is used when the specimen was either derived from or a component of another specimen.

#### request (optional)

array[Reference] Details concerning a service request that required a specimen to be collected.

#### collection (optional)

Specimen_Collection

#### processing (optional)

array[Specimen_Processing] Details concerning processing and processing steps for the specimen.

#### container (optional)

array[Specimen_Container] The container holding the specimen. The recursive nature of containers; i.e. blood in tube in tray in rack is not addressed here.

#### condition (optional)

array[CodeableConcept] A mode or state of being that describes the nature of the specimen.

#### note (optional)

array[Annotation] To communicate any details or issues about the specimen or during the specimen collection. (for example: broken vial, sent with patient, frozen).

### SpecimenDefinition

A kind of specimen with associated set of requirements.
resourceType

This is a SpecimenDefinition resource

id (optional)

Any combination of letters, numerals, “-“ and “.” with a length limit of 64 characters. (This might be an integer, an unprefixed UID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

implicitRules (optional)

String String of characters used to identify a name or a resource

_language (optional)

A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element
text (optional)

Narrative

contained (optional)

These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

patientPrepared (optional)

Preparation of the patient for specimen collection.

timeAspect (optional)

A sequence of Unicode characters

_collection (optional)

The action to be performed for collecting the specimen.

typeTested (optional)

Specimen conditioned in a container as expected by the testing laboratory.
SpecimenDefinition_Additive -

A kind of specimen with associated set of requirements.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

additiveCodeableConcept (optional)
CodeableConcept

additiveReference (optional)
Reference

SpecimenDefinition_Container -

A kind of specimen with associated set of requirements.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

material (optional)
CodeableConcept

type (optional)
CodeableConcept

cap (optional)
CodeableConcept

description (optional)
String A sequence of Unicode characters
_description (optional)
Element

capacity (optional)
Quantity

minimumVolumeQuantity (optional)
Quantity

minimumVolumeString (optional)
String The minimum volume to be conditioned in the container.

_minimumVolumeString (optional)
Element

additive (optional)
array[SpecimenDefinition_Additive] Substance introduced in the kind of container to preserve, maintain or enhance the specimen. Examples: Formalin, Citrate, EDTA.

preparation (optional)
String A sequence of Unicode characters

_preparation (optional)
Element

SpecimenDefinition_Handling -

A kind of specimen with associated set of requirements.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

temperatureQualifier (optional)
CodeableConcept
temperatureRange (optional)
Range
maxDuration (optional)
Duration

instruction (optional)
String A sequence of Unicode characters

_instruction (optional)
Element

SpecimenDefinition_TypeTested -

A kind of specimen with associated set of requirements.

id (optional)
**Specimen_Collection -**

A sample to be used for analysis.

- **id (optional)**
  
  String A sequence of Unicode characters

- **extension (optional)**
  
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  
  array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **isDerived (optional)**
  
  Boolean Value of “true” or “false”

- **_isDerived (optional)**
  
  Element

- **type (optional)**
  
  CodeableConcept

- **preference (optional)**
  
  String The preference for this type of conditioned specimen.

  Enum:

  - preferred
  - alternate

- **_preference (optional)**
  
  Element

- **container (optional)**
  
  SpecimenDefinition_Container

- **requirement (optional)**
  
  String A sequence of Unicode characters

- **_requirement (optional)**
  
  Element

- **retentionTime (optional)**
  
  Duration

- **rejectionCriterion (optional)**
  
  array[CodeableConcept] Criterion for rejection of the specimen in its container by the laboratory.

- **handling (optional)**
  
  array[SpecimenDefinition_Handling] Set of instructions for preservation/transport of the specimen at a defined temperature interval, prior the testing process.
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

collector (optional)
Reference

collectedDateTime (optional)
String Time when specimen was collected from subject - the physiologically relevant time.

Specimen_Container -
A sample to be used for analysis.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
arrayIdentifier | Id for container. There may be multiple; a manufacturer’s bar code, lab assigned identifier, etc. The container ID may differ from the specimen ID in some circumstances.

description (optional)
  String | A sequence of Unicode characters
  _description (optional)
  Element

type (optional)
  CodeableConcept

capacity (optional)
  Quantity

specimenQuantity (optional)
  Quantity

additiveCodeableConcept (optional)
  CodeableConcept

additiveReference (optional)
  Reference

Specimen_Processing -

A sample to be used for analysis.

id (optional)
  String | A sequence of Unicode characters
extension (optional)
  array[Extension] | May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

description (optional)
  String | A sequence of Unicode characters
  _description (optional)
  Element

procedure (optional)
  CodeableConcept

additive (optional)
  array[Reference] | Material used in the processing step.

timeDateTime (optional)
  String | A record of the time or period when the specimen processing occurred. For example the time of sample fixation or the period of time the sample was in formalin.

timePeriod (optional)
  Element

time (optional)
  Period
A definition of a FHIR structure. This resource is used to describe the underlying resources, data types defined in FHIR, and also for describing extensions and constraints on resources and data types.

resourceType

This is a StructureDefinition resource

id (optional)

Any combination of letters, numerals, ",", and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

implicitRules (optional)

String

A string of characters used to identify a name or a resource

_language (optional)

Element

language (optional)

String

A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

text (optional)

Narrative

contained (optional)

These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

url (optional)

String

A string of characters used to identify a name or a resource

_identifier (optional)

Element

identifier (optional)

A formal identifier that is used to identify this structure definition when it is represented in other formats, or referenced in a specification, model, design or an instance.

version (optional)

String

A sequence of Unicode characters

_name (optional)

String

A sequence of Unicode characters
name (optional)

Element

`title (optional)

String` A sequence of Unicode characters

_title (optional)

Element

status (optional)

String The status of this structure definition. Enables tracking the life-cycle of the content.

  - draft
  - active
  - retired
  - unknown

_status (optional)

Element

eperimental (optional)

Boolean Value of "true" or "false"

_experimental (optional)

Element

date (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types `gYear`, `gYearMonth`, `date` and `dateTime`. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)

Element

publisher (optional)

String A sequence of Unicode characters

_publisher (optional)

Element

contact (optional)

array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)

Element

useContext (optional)

array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate structure definition instances.

jurisdiction (optional)

array[CodeableConcept] A legal or geographic region in which the structure definition is intended to be used.

purpose (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_purpose (optional)

Element

copyright (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_copyright (optional)

Element

keyword (optional)
array[Coding] A set of key words or terms from external terminologies that may be used to assist with indexing and searching of templates by describing the use of this structure definition, or the content it describes.

_fhirVersion (optional)  
**String**  
The version of the FHIR specification on which this StructureDefinition is based - this is the formal version of the specification, without the revision number, e.g. [publication].[major].[minor], which is 4.0.1 for this version.

Enum:
- 0.01
- 0.05
- 0.11
- 0.0.80
- 0.0.81
- 0.0.82
- 0.4.0
- 0.5.0
- 1.0.0
- 1.0.1
- 1.0.2
- 1.1.0
- 1.4.0
- 1.8.0
- 3.0.0
- 3.0.1
- 3.3.0
- 3.5.0
- 4.0.0
- 4.0.1

_m_fhirVersion (optional)  
**Element**

mapping (optional)  
array[StructureDefinition_Mapping] An external specification that the content is mapped to.

_kind (optional)  
**String**  
Defines the kind of structure that this definition is describing.

Enum:
- primitive-type
- complex-type
- resource
- logical

__kind (optional)  
**Element**

abstract (optional)  
**Boolean**  
Value of "true" or "false"

__abstract (optional)  
**Element**

context (optional)  
array[StructureDefinition_Context] Identifies the types of resource or data type elements to which the extension can be applied.

collectionInvariant (optional)  
array[String] A set of rules as FHIRPath Invariants about when the extension can be used (e.g. co-occurrence variants for the extension). All the rules must be true.

__collectionInvariant (optional)  
array[Element] Extensions for collectionInvariant

type (optional)  
**String**  
String of characters used to identify a name or a resource

__type (optional)  
**Element**

baseDefinition (optional)  
**String**  
A URI that is a reference to a canonical URL on a FHIR resource
derivation (optional)
  String How the type relates to the baseDefinition.
  Enum:
    specialization
    constraint

_derivation (optional)
  Element
snapshot (optional)
StructureDefinition_Snapshot
differential (optional)
StructureDefinition_Differential

StructureDefinition_Context -

A definition of a FHIR structure. This resource is used to describe the underlying resources, data types defined in FHIR, and also for describing extensions and constraints on resources and data types.

id (optional)
  String A sequence of Unicode characters
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
  String Defines how to interpret the expression that defines what the context of the extension is.
  Enum:
    fhirpath
    element
    extension

_type (optional)
  Element
expression (optional)
  String A sequence of Unicode characters
_expression (optional)
  Element

StructureDefinition_Differential -

A definition of a FHIR structure. This resource is used to describe the underlying resources, data types defined in FHIR, and also for describing extensions and constraints on resources and data types.

id (optional)
  String A sequence of Unicode characters
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

element
array[ElementDefinition] Captures constraints on each element within the resource.

StructureDefinition_Mapping -
A definition of a FHIR structure. This resource is used to describe the underlying resources, data types defined in FHIR, and also for describing extensions and constraints on resources and data types.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identity (optional)
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixied OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_identity (optional)
Element

uri (optional)
String string of characters used to identify a name or a resource

_uri (optional)
Element

name (optional)
String A sequence of Unicode characters

_name (optional)
Element

comment (optional)
String A sequence of Unicode characters

_comment (optional)
StructureDefinition_Snapshot -

A definition of a FHIR structure. This resource is used to describe the underlying resources, data types defined in FHIR, and also for describing extensions and constraints on resources and data types.

id (optional)
*String* A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

element
array[ElementDefinition] Captures constraints on each element within the resource.

StructureMap -

A Map of relationships between 2 structures that can be used to transform data.

resourceType
*ooas_any_type_not_mapped* This is a StructureMap resource

id (optional)
*String* Any combination of letters, numerals, ".-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

meta (optional)
*Meta*

implicitRules (optional)
*String* String of characters used to identify a name or a resource

_language (optional)
*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)
*String*

text (optional)
*Narrative*

contained (optional)
array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)
String String of characters used to identify a name or a resource
_url (optional)
Element

identifier (optional)
array[Identifier] A formal identifier that is used to identify this structure map when it is represented in other formats, or referenced in a specification, model, design or an instance.

date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_publisher (optional)
String A sequence of Unicode characters

name (optional)
String A sequence of Unicode characters

_publisher (optional)
String A sequence of Unicode characters

title (optional)
String A sequence of Unicode characters

_publisher (optional)
String A sequence of Unicode characters

status (optional)
String The status of this structure map. Enables tracking the life-cycle of the content.

Enum:
draft active retired unknown

_publisher (optional)
String A sequence of Unicode characters

experimental (optional)
boolean Value of "true" or "false"

_publisher (optional)
String A sequence of Unicode characters
A Map of relationships between 2 structures that can be used to transform data.

id (optional)  
**String** A sequence of Unicode characters

extension (optional)  
**array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.  
**modifierExtension (optional)**  
**array[Extension]**  
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.  

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
name (optional)

*String* Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_name (optional)

*Element*

variable (optional)

*array[String]* Variable to pass to the rule or group.

_variable (optional)

*array[Element]* Extensions for variable

StructureMap_Group -

A Map of relationships between 2 structures that can be used to transform data.

id (optional)

*String* A sequence of Unicode characters

extension (optional)

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)

*String* Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_name (optional)

*Element*

extends (optional)

*String* Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_extends (optional)

*Element*

typeMode (optional)

*String* If this is the default rule set to apply for the source type or this combination of types.

Enum:

- none
- types
- type-and-types

_typeMode (optional)

*Element*

documentation (optional)

*String* A sequence of Unicode characters

_documentation (optional)

*Element*
input
array[StructureMap_Input] A name assigned to an instance of data. The instance must be provided when the mapping is invoked.

rule
array[StructureMap_Rule] Transform Rule from source to target.

StructureMap_Input
A Map of relationships between 2 structures that can be used to transform data.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)
String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_type (optional)
Element

type (optional)
String A sequence of Unicode characters

mode (optional)
String Mode for this instance of data.

Enum: 
source
target

Documentation (optional)
String A sequence of Unicode characters

StructureMap_Parameter
A Map of relationships between 2 structures that can be used to transform data.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

d_valued (optional)
String Parameter value - variable or literal.

_dd_valued (optional)
Element

_d_valueString (optional)
String Parameter value - variable or literal.

_d_valueString (optional)
Element

d_valueBoolean (optional)
Boolean Parameter value - variable or literal.

d_valueBoolean (optional)
Element

_d_valueInteger (optional)
BigDecimal Parameter value - variable or literal.

_d_valueInteger (optional)
Element

d_valueDecimal (optional)
BigDecimal Parameter value - variable or literal.

_d_valueDecimal (optional)
Element

StructureMap_Rule -
A Map of relationships between 2 structures that can be used to transform data.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
name (optional)
String Any combination of letters, numerals, "," and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_name (optional)
Element

source
array[StructureMap_Source] Source inputs to the mapping.

target (optional)
array[StructureMap_Target] Content to create because of this mapping rule.
	rule (optional)
array[StructureMap_Rule] Rules contained in this rule.

dependent (optional)
array[StructureMap_Dependent] Which other rules to apply in the context of this rule.

documentation (optional)
String A sequence of Unicode characters

documentation (optional)
Element

StructureMap_Source -
A Map of relationships between 2 structures that can be used to transform data.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

category (optional)
String Any combination of letters, numerals, "," and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

category (optional)
Element

min (optional)
BigDecimal A whole number

_max (optional)
Element

max (optional)
String A sequence of Unicode characters
Element
type (optional)
String A sequence of Unicode characters
Element
defaultValueBase64Binary (optional)
String A value to use if there is no existing value in the source object.
Element
defaultValueBoolean (optional)
Boolean A value to use if there is no existing value in the source object.
Element
defaultValueCanonical (optional)
String A value to use if there is no existing value in the source object.
Element
defaultValueCode (optional)
String A value to use if there is no existing value in the source object.
Element
defaultValueDate (optional)
String A value to use if there is no existing value in the source object.
Element
defaultValueDateTime (optional)
String A value to use if there is no existing value in the source object.
Element
defaultValueDecimal (optional)
BigDecimal A value to use if there is no existing value in the source object.
Element
defaultValueId (optional)
String A value to use if there is no existing value in the source object.
Element
defaultValueInstant (optional)
String A value to use if there is no existing value in the source object.
Element
defaultValueInteger (optional)
BigDecimal A value to use if there is no existing value in the source object.
Element
defaultValueMarkdown (optional)
String A value to use if there is no existing value in the source object.
Element
 defaultValueOid (optional)
String A value to use if there is no existing value in the source object.
Element
defaultValuePositivInt (optional)
BigDecimal A value to use if there is no existing value in the source object.

defaultValuePositivInt (optional)
Element

defaultValueString (optional)
String A value to use if there is no existing value in the source object.

defaultValueString (optional)
Element

defaultValueTime (optional)
String A value to use if there is no existing value in the source object.

defaultValueTime (optional)
Element

defaultValueUnsignedInt (optional)
BigDecimal A value to use if there is no existing value in the source object.

defaultValueUnsignedInt (optional)
Element

defaultValueUri (optional)
String A value to use if there is no existing value in the source object.

defaultValueUri (optional)
Element
defaultValueUrl (optional)
String A value to use if there is no existing value in the source object.

defaultValueUrl (optional)
Element
defaultValueUuid (optional)
String A value to use if there is no existing value in the source object.

defaultValueUuid (optional)
Element
defaultValueAddress (optional)
Address
defaultValueAge (optional)
Age
defaultValueAnnotation (optional)
Annotation
defaultValueAttachment (optional)
Attachment
defaultValueCodeableConcept (optional)
CodeableConcept
defaultValueCoding (optional)
Coding
defaultValueContactPoint (optional)
ContactPoint
defaultValueCount (optional)
Count
defaultValueDistance (optional)
Distance
defaultValueDuration (optional)
Duration
defaultValueHumanName (optional)
HumanName
defaultValueIdentifier (optional)
Identifier
defaultValueMoney (optional)
   Money

defaultValuePeriod (optional)
   Period

defaultValueQuantity (optional)
   Quantity

defaultValueRange (optional)
   Range

defaultValueRatio (optional)
   Ratio

defaultValueReference (optional)
   Reference

defaultValueSampledData (optional)
   SampledData

defaultValueSignature (optional)
   Signature

defaultValueTiming (optional)
   Timing

defaultValueContactDetail (optional)
   ContactDetail

defaultValueContributor (optional)
   Contributor

defaultValueDataRequirement (optional)
   DataRequirement

defaultValueExpression (optional)
   Expression

defaultValueParameterDefinition (optional)
   ParameterDefinition

defaultValueRelatedArtifact (optional)
   RelatedArtifact

defaultValueTriggerDefinition (optional)
   TriggerDefinition

defaultValueUsageContext (optional)
   UsageContext

defaultValueDosage (optional)
   Dosage

defaultValueMeta (optional)
   Meta

element (optional)
   String A sequence of Unicode characters
   _element (optional)
   Element

listMode (optional)
   String How to handle the list mode for this element.
   _ Enum:
   first
   not_first
   last
   not_last
   only_one
   _listMode (optional)
   Element

variable (optional)
StructureMap_Structure - A Map of relationships between 2 structures that can be used to transform data.

- id (optional)
  *String* A sequence of Unicode characters

- extension (optional)
  *arrayExtension* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- modifierExtension (optional)
  *arrayExtension* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifiers SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- url
  *String* A URI that is a reference to a canonical URL on a FHIR resource

- mode (optional)
  *String* How the referenced structure is used in this mapping.

  Enum:
  - source
  - queried
  - target
  - produced

- alias (optional)
  *String* A sequence of Unicode characters

- documentation (optional)
  *Element*
StructureMap_Target - A Map of relationships between 2 structures that can be used to transform data.

- **id (optional)**
  - `String` A sequence of Unicode characters

- **extension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **context (optional)**
  - `String` Any combination of letters, numerals, “.” and “-“, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **element (optional)**
  - `String` A sequence of Unicode characters

- **variable (optional)**
  - `String` Any combination of letters, numerals, “.” and “-“, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **listMode (optional)**
  - `array[String]` If field is a list, how to manage the list.

  - `array[Element]` Extensions for listMode

- **listRuleId (optional)**
  - `String` Any combination of letters, numerals, “.” and “-“, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.
Subscription -

The subscription resource is used to define a push-based subscription from a server to another system. Once a subscription is registered with the server, the server checks every resource that is created or updated, and if the resource matches the given criteria, it sends a message on the defined 'channel' so that another system can take an appropriate action.

resourceType

`oas_any_type_not_mapped` This is a Subscription resource

id (optional)

`String` Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

`Meta`

implicitRules (optional)

`String` String of characters used to identify a name or a resource

__implicitRules (optional)

`Element`

language (optional)

`String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

__language (optional)

`Element`

text (optional)

`Narrative`

contained (optional)

`array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them, they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

status (optional)
String The status of the subscription, which marks the server state for managing the subscription. Enum:
  requested
  active
  error
  off

_status (optional)
Element

contact (optional)
array[ContactPoint] Contact details for a human to contact about the subscription. The primary use of this for system administrator troubleshooting.

date (optional)
String An instant in time - known at least to the second

_end (optional)
Element

reason (optional)
String A sequence of Unicode characters

_reason (optional)
Element

criteria (optional)
String A sequence of Unicode characters

_criteria (optional)
Element

error (optional)
String A sequence of Unicode characters

_error (optional)
Element

channel
Subscription_Channel

Subscription_Channel -

The subscription resource is used to define a push-based subscription from a server to another system. Once a subscription is registered with the server, the server checks every resource that is created or updated, and if the resource matches the given criteria, it sends a message on the defined "channel" so that another system can take an appropriate action.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)

string The type of channel to send notifications on.

- rest-hook
- websocket
- email
- sms
- message

_type (optional)

Element

domain (optional)

string A URI that is a literal reference

_endpoint (optional)

Element

payload (optional)

string A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_payload (optional)

Element

header (optional)

array[string] Additional headers / information to send as part of the notification.

_header (optional)

array[element] Extensions for header

Substance -

A homogeneous material with a definite composition.

resourceType

oas_any_type_not_mapped This is a Substance resource

id (optional)

string Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

meta (optional)

Meta

 ImplicitRules (optional)

string String of characters used to identify a name or a resource

 ImplicitRules (optional)

Element

language (optional)

string A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element
text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

array[Identifier] Unique identifier for the substance.

status (optional)

String A code to indicate if the substance is actively used.

Enum:

active

inactive

entered-in-error

_status (optional)

Element
category (optional)

array[CodeableConcept] A code that classifies the general type of substance. This is used for searching, sorting and display purposes.

code

CodeableConcept
description (optional)

String A sequence of Unicode characters

description (optional)

Element

instance (optional)

array[Substance_Instance] Substance may be used to describe a kind of substance, or a specific package/container of the substance: an instance.

ingredient (optional)

array[Substance_Ingredient] A substance can be composed of other substances.

SubstanceAmount -

Chemical substances are a single substance type whose primary defining element is the molecular structure. Chemical substances shall be defined on the basis of their complete covalent molecular structure; the presence of a salt (counter-ion) and/or solvates (water, alcohols) is also captured. Purity, grade, physical form or particle size are not taken into account in the definition of a chemical substance or in the assignment of a Substance ID.

id (optional)

String A sequence of Unicode characters

extension (optional)
arrayExtension may be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

amountQuantity (optional)

Quantity

amountRange (optional)

Range

amountString (optional)

String Used to capture quantitative values for a variety of elements. If only limits are given, the arithmetic mean would be the average. If only a single definite value for a given element is given, it would be captured in this field.

_amountString (optional)

Element

amountType (optional)

CodeableConcept

amountText (optional)

String A sequence of Unicode characters

_referenceRange (optional)

Element

SubstanceAmount_ReferenceRange -

Chemical substances are a single substance type whose primary defining element is the molecular structure. Chemical substances shall be defined on the basis of their complete covalent molecular structure; the presence of a salt (counter-ion) and/or solvates (water, alcohols) is also captured. Purity, grade, physical form or particle size are not taken into account in the definition of a chemical substance or in the assignment of a Substance ID.

id (optional)

String A sequence of Unicode characters

extension (optional)

arrayExtension May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

arrayExtension May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
**SubstanceNucleicAcid**

Nucleic acids are defined by three distinct elements: the base, sugar and linkage. Individual substance/moiety IDs will be created for each of these elements. The nucleotide sequence will always be entered in the 5’àC™-3’àC™ direction.

**resourceType**
- `oas_any_type_not_mapped` This is a SubstanceNucleicAcid resource

**id (optional)**
- `String` Any combination of letters, numerals, `-` and `.` with a length limit of 64 characters. (This might be an integer, an unprefixed UID, UUID or any other identifier pattern that meets these constraints.) IDs are case-insensitive.

**meta (optional)**
- `Meta`

**implicitRules (optional)**
- `String` String of characters used to identify a name or a resource

**language (optional)**
- `String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**text (optional)**
- `Narrative`

**contained (optional)**
- `array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**
- `array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**
- `array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**sequenceType (optional)**
- `CodeableConcept`

**numberOfSubunits (optional)**
- `BigDecimal` A whole number

---

https://10.2.2.41/api-doc/
areaOfHybridisation (optional)
   String A sequence of Unicode characters
   _areaOfHybridisation (optional)
   Element

oligoNucleotideType (optional)
   CodeableConcept
   subunit (optional)
      array[SubstanceNucleicAcid_Subunit] Subunits are listed in order of decreasing length; sequences of
      the same length will be ordered by molecular weight; subunits that have identical sequences will be
      repeated multiple times.

SubstanceNucleicAcid_Linkage -

Nucleic acids are defined by three distinct elements: the base, sugar and linkage. Individual substance/moiety IDs will be
created for each of these elements. The nucleotide sequence will be always entered in the 5'->3' direction.
   id (optional)
      String A sequence of Unicode characters
   extension (optional)
      array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   modifierExtension (optional)
      array[Extension]
      May be used to represent additional information that is not part of the basic definition of the element
      and that modifies the understanding of the element in which it is contained and/or the understanding
      of the containing element's descendants. Usually modifier elements provide negation or qualification.
      To make the use of extensions safe and manageable, there is a strict set of governance applied to the
      definition and use of extensions. Though any implementer can define an extension, there is a set of
      requirements that SHALL be met as part of the definition of the extension. Applications processing a
      resource are required to check for modifier extensions.

      Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
      (including cannot change the meaning of modifierExtension itself).

   connectivity (optional)
      String A sequence of Unicode characters
   _connectivity (optional)
   Element

   identifier (optional)
      Identifier
   name (optional)
      String A sequence of Unicode characters
   _name (optional)
      Element
   residueSite (optional)
      String A sequence of Unicode characters
   _residueSite (optional)
      Element

SubstanceNucleicAcid_Subunit -

Nucleic acids are defined by three distinct elements: the base, sugar and linkage. Individual substance/moiety IDs will be
created for each of these elements. The nucleotide sequence will be always entered in the 5'->3' direction.
   id (optional)
      String A sequence of Unicode characters
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

subunit (optional)

BigDecimal A whole number

_subunit (optional)

Element

sequence (optional)

String A sequence of Unicode characters

_sequence (optional)

Element

length (optional)

BigDecimal A whole number

_length (optional)

Element

sequenceAttachment (optional)

Attachment

dfivePrime (optional)

CodeableConcept

threePrime (optional)

CodeableConcept

linkage (optional)

array[SubstanceNucleicAcid_Linkage] The linkages between sugar residues will also be captured.

sugar (optional)

array[SubstanceNucleicAcid_Sugar] 5.3.6.8.1 Sugar ID (Mandatory).

SubstanceNucleicAcid_Sugar -

Nucleic acids are defined by three distinct elements: the base, sugar and linkage. Individual substance/moiety IDs will be created for each of these elements. The nucleotide sequence will be always entered in the 5â€’-3â€™ direction.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

*Identifier*

**name (optional)**

*String* A sequence of Unicode characters

**_name (optional)**

*Element*

**residueSite (optional)**

*String* A sequence of Unicode characters

**_residueSite (optional)**

*Element*

---

### SubstancePolymer -

Todo.

**resourceType**

*oas_any_type_not_mapped* This is a SubstancePolymer resource

**id (optional)**

*String* Any combination of letters, numerals, "," and ",", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

*Meta*

**implicitRules (optional)**

*String* String of characters used to identify a name or a resource

**_implicitRules (optional)**

*Element*

**language (optional)**

*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_language (optional)**

*Element*

**text (optional)**

*Narrative*

**contained (optional)**

*array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**class (optional)**  
*CodeableConcept*

**geometry (optional)**  
*CodeableConcept*

copolymerConnectivity (optional)  
*array[CodeableConcept]*  
Todo.

**modification (optional)**  
*array[String]*  
Todo.

_modification (optional)  
*array[Element]*  
Extensions for modification

**monomerSet (optional)**  
*array[SubstancePolymer_MonomerSet]*  
Todo.

**repeat (optional)**  
*array[SubstancePolymer_Repeat]*  
Todo.

**SubstancePolymer_DegreeOfPolymerisation -**  
Todo.

**id (optional)**  
*String*  
A sequence of Unicode characters

extension (optional)  
*array[Extension]*  
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**  
*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

degree (optional)  
*CodeableConcept*

**amount (optional)**  
*SubstanceAmount*

**SubstancePolymer_MonomerSet -**  
Todo.

**id (optional)**  
*String*  
A sequence of Unicode characters

extension (optional)  
*array[Extension]*  
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**  
*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
modifierExtension (optional)

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

ratioType (optional)

`CodeableConcept`

startingMaterial (optional)

`array[SubstancePolymer_StartingMaterial]` Todo.

SubstancePolymer_Repea

id (optional)

`String` A sequence of Unicode characters

extension (optional)

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

numberOfUnits (optional)

`BigDecimal` A whole number

_averageMolecularFormula (optional)

`String` A sequence of Unicode characters

_repeatUnit (optional)

`array[SubstancePolymer_RepeatUnit]` Todo.
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

orientationOfPolymerisation (optional)
CodeableConcept
repeatUnit (optional)
String A sequence of Unicode characters
_repeatUnit (optional)
Element
amount (optional)
SubstanceAmount
degreeOfPolymerisation (optional)
array[SubstancePolymer_DegreeOfPolymerisation] Todo.
structuralRepresentation (optional)
array[SubstancePolymer_StructuralRepresentation] Todo.

SubstancePolymer_StartingMaterial -

Todo.
 id (optional)
String A sequence of Unicode characters
extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

material (optional)
CodeableConcept

type (optional)
CodeableConcept
isDefining (optional)  
   Boolean  Value of “true” or “false”

_isDefining (optional)
   Element

amount (optional)
   SubstanceAmount

SubstancePolymer_StructuralRepresentation -
Todo.

id (optional)
   String  A sequence of Unicode characters

extension (optional)
   array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
   array[Extension]  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

 Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
   CodeableConcept

representation (optional)
   String  A sequence of Unicode characters

   _representation (optional)
      Element

attachment (optional)
   Attachment

SubstanceProtein -
A SubstanceProtein is defined as a single unit of a linear amino acid sequence, or a combination of subunits that are either covalently linked or have a defined invariant stoichiometric relationship. This includes all synthetic, recombinant and purified SubstanceProteins of defined sequence, whether the use is therapeutic or prophylactic. This set of elements will be used to describe albumins, coagulation factors, cytokines, growth factors, peptide/SubstanceProtein hormones, enzymes, toxins, toxoids, recombinant vaccines, and immunomodulators.

resourceType
   oas_any_type_not_mapped  This is a SubstanceProtein resource

id (optional)
   String  Any combination of letters, numerals, “.” and “_” with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)
   Meta

implicitRules (optional)
   String  String of characters used to identify a name or a resource

_implicitRules (optional)
Element

string (optional)

A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

sequenceType (optional)

CodeableConcept

numberOfSubunits (optional)

BigDecimal A whole number

_subnumberOfSubunits (optional)

Element

disulfideLinkage (optional)

array[String] The disulphide bond between two cysteine residues either on the same subunit or on two different subunits shall be described. The position of the disulfide bonds in the SubstanceProtein shall be listed in increasing order of subunit number and position within subunit followed by the abbreviation of the amino acids involved. The disulfide linkage positions shall actually contain the amino acid Cysteine at the respective positions.

_subdisulfideLinkage (optional)

array[Element] Extensions for disulfideLinkage

subunit (optional)

array[SubstanceProtein_Subunit] This subclause refers to the description of each subunit constituting the SubstanceProtein. A subunit is a linear sequence of amino acids linked through peptide bonds. The Subunit information shall be provided when the finished SubstanceProtein is a complex of multiple sequences; subunits are not used to delineate domains within a single sequence. Subunits are listed in order of decreasing length; sequences of the same length will be ordered by decreasing molecular weight; subunits that have identical sequences will be repeated multiple times.

SubstanceProtein_Subunit -

A SubstanceProtein is defined as a single unit of a linear amino acid sequence, or a combination of subunits that are either covalently linked or have a defined invariant stoichiometric relationship. This includes all synthetic, recombinant and purified SubstanceProteins of defined sequence, whether the use is therapeutic or prophylactic. This set of elements will be used to describe albumins, coagulation factors, cytokines, growth factors, peptide/SubstanceProtein hormones, enzymes, toxins, toxoids, recombinant vaccines, and immunomodulators.
id (optional)

  String  A sequence of Unicode characters

extension (optional)

  array[Extension]  May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

  array[Extension]  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

subunit (optional)

  BigDecimal  A whole number

_subunit (optional)

  Element

sequence (optional)

  String  A sequence of Unicode characters

_sequence (optional)

  Element

length (optional)

  BigDecimal  A whole number

_length (optional)

  Element

sequenceAttachment (optional)

  Attachment

nTerminalModificationId (optional)

  Identifier

cTerminalModificationId (optional)

  Identifier

_nTerminalModification (optional)

  Element

cTerminalModification (optional)

  String  A sequence of Unicode characters

_cTerminalModification (optional)

  Element

SubstanceReferenceInformation -  

Todo.

resourceType

  oas_any_type_not_mapped  This is a SubstanceReferenceInformation resource

id (optional)

  String  Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.
meta (optional)

**Meta**

implicitRules (optional)

**string** String of characters used to identify a name or a resource

_implicitRules (optional)

**Element**

language (optional)

**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

**Element**

text (optional)

**Narrative**

contained (optional)

_array[ResourceList]** These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

_array[Extension]** May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

_array[Extension]** May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

comment (optional)

**String** A sequence of Unicode characters

_comment (optional)

**Element**

gene (optional)

_array[SubstanceReferenceInformation_Gene]** Todo.

geneElement (optional)

_array[SubstanceReferenceInformation_GeneElement]** Todo.

classification (optional)

_array[SubstanceReferenceInformation_Classification]** Todo.

target (optional)

_array[SubstanceReferenceInformation_Target]** Todo.

SubstanceReferenceInformation_Classification -

Todo.

id (optional)

**String** A sequence of Unicode characters

text (optional)

**String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_extension (optional)

_array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of

languages.
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**domain (optional)**

*CodeableConcept*

**classification (optional)**

*CodeableConcept*

**subtype (optional)**

*array[CodeableConcept]*

Todo.

**source (optional)**

*array[Reference]*

Todo.

---

**SubstanceReferenceInformation_Gene**

Todo.

**id (optional)**

*String*  A sequence of Unicode characters

**extension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**geneSequenceOrigin (optional)**

*CodeableConcept*

**gene (optional)**

*CodeableConcept*

**source (optional)**

*array[Reference]*

Todo.

---

**SubstanceReferenceInformation_GeneElement**

Todo.

**id (optional)**
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)

CodeableConcept

element (optional)

Identifier

source (optional)

array[Reference] Todo.

SubstanceReferenceInformation_Target -

Todo.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

target (optional)

Identifier

type (optional)

CodeableConcept

interaction (optional)

CodeableConcept

organism (optional)

CodeableConcept

organismType (optional)

CodeableConcept
amountQuantity (optional)

  Quantity

amountRange (optional)

  Range

amountString (optional)

  String Todo.

  _amountString (optional)

  Element

amountType (optional)

  CodeableConcept

source (optional)

  array[Reference] Todo.

SubstanceSourceMaterial -

Source material shall capture information on the taxonomic and anatomical origins as well as the fraction of a material that can result in or can be modified to form a substance. This set of data elements shall be used to define polymer substances isolated from biological matrices. Taxonomic and anatomical origins shall be described using a controlled vocabulary as required. This information is captured for naturally derived polymers (e.g. starch) and structurally diverse substances. For Organisms belonging to the Kingdom Plantae the Substance level defines the fresh material of a single species or infraspecies, the Herbal Drug and the Herbal preparation. For Herbal preparations, the fraction information will be captured at the Substance information level and additional information for herbal extracts will be captured at the Specified Substance Group 1 information level. See for further explanation the Substance Class: Structurally Diverse and the herbal annex.

resourceType

  obs_any_type_not_mapped This is a SubstanceSourceMaterial resource

id (optional)

  String Any combination of letters, numerals, “.” and “.”, with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

  Meta

  implicitRules (optional)

    String String of characters used to identify a name or a resource

    _implicitRules (optional)

      Element

language (optional)

  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

  _language (optional)

    Element

text (optional)

  Narrative

  contained (optional)

    array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

  array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  modifierExtension (optional)

    array[Extension]

    May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To
make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications
processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

sourceMaterialClass (optional)
CodeableConcept

sourceMaterialType (optional)
CodeableConcept

sourceMaterialState (optional)
CodeableConcept

organismId (optional)
Identifier

organismName (optional)
String A sequence of Unicode characters

_parentorganismName (optional)
Element

parentSubstanceId (optional)
array[Identifier] The parent of the herbal drug Ginkgo biloba, Leaf is the substance ID of the substance
(fresh) of Ginkgo biloba L. or Ginkgo biloba L. (Whole plant).

parentSubstanceName (optional)

__parentSubstanceName (optional)
array[Element] Extensions for parentSubstanceName

countryOfOrigin (optional)
array[CodeableConcept] The country where the plant material is harvested or the countries where the
plasma is sourced from as laid down in accordance with the Plasma Master File. For plasma-derived
substances the attribute country of origin provides information about the countries used for
the manufacturing of the Cryopoor plasma or Crioprecipitate.

gеographicalLocation (optional)
array[String] The place/region where the plant is harvested or the places/regions where the animal
source material has its habitat.

__geographicalLocation (optional)
array[Element] Extensions for geographicalLocation

developmentStage (optional)
CodeableConcept

fractionDescription (optional)
array[SubstanceSourceMaterial_FractionDescription] Many complex materials are fractions of parts of
plants, animals, or minerals. Fraction elements are often necessary to define both Substances and
Specified Group 1 Substances. For substances derived from Plants, fraction information will be
captured at the Substance information level (e.g. Oils, Juices and Exudates). Additional information for
Extracts, such as extraction solvent composition, will be captured at the Specified Substance Group 1
information level. For plasma-derived products fraction information will be captured at the Substance
and the Specified Substance Group 1 levels.

organism (optional)
SubstanceSourceMaterial_Organism

partDescription (optional)
array[SubstanceSourceMaterial_PartDescription] To do.

SubstanceSourceMaterial_Author -

Source material shall capture information on the taxonomic and anatomical origins as well as the fraction of a material
that can result in or can be modified to form a substance. This set of data elements shall be used to define polymer
substances isolated from biological matrices. Taxonomic and anatomical origins shall be described using a controlled
vocabulary as required. This information is captured for naturally derived polymers (e.g. starch) and structurally diverse
substances. For Organisms belonging to the Kingdom Plantae the Substance level defines the fresh material of a single
species or infraspecies, the herbal drug and the herbal preparation. For herbal preparations, the fraction information will be captured at the Substance information level and additional information for herbal extracts will be captured at the Specified Substance Group 1 information level. See for further explanation the Substance Class: Structurally Diverse and the herbal annex.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**authorType (optional)**

*CodeableConcept*

**authorDescription (optional)**

*String* A sequence of Unicode characters

**SubstanceSourceMaterial_FractionDescription**

Source material shall capture information on the taxonomic and anatomical origins as well as the fraction of a material that can result in or can be modified to form a substance. This set of data elements shall be used to define polymer substances isolated from biological matrices. Taxonomic and anatomical origins shall be described using a controlled vocabulary as required. This information is captured for naturally derived polymers (e.g., starch) and structurally diverse substances. For Organisms belonging to the Kingdom Plantae the Substance level defines the fresh material of a single species or infraspecies, the Herbal Drug and the Herbal preparation. For Herbal preparations, the fraction information will be captured at the Substance information level and additional information for herbal extracts will be captured at the Specified Substance Group 1 information level. See for further explanation the Substance Class: Structurally Diverse and the herbal annex.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
SubstanceSourceMaterial_Hybrid -

Source material shall capture information on the taxonomic and anatomical origins as well as the fraction of a material that can result in or can be modified to form a substance. This set of data elements shall be used to define polymer substances isolated from biological matrices. Taxonomic and anatomical origins shall be described using a controlled vocabulary as required. This information is captured for naturally derived polymers (e.g., starch) and structurally diverse substances. For Organisms belonging to the Kingdom Plantae the Substance level defines the fresh material of a single species or infraspecies, the Herbal Drug and the Herbal preparation. For Herbal preparations, the fraction information will be captured at the Substance information level and additional information for herbal extracts will be captured at the Specified Substance Group 1 information level. See for further explanation the Substance Class: Structurally Diverse and the herbal annex.

fraction (optional)

String  A sequence of Unicode characters

element (optional)

materialType (optional)

CodeableConcept

maternalOrganismId (optional)

String  A sequence of Unicode characters

maternalOrganismName (optional)

String  A sequence of Unicode characters

paternalOrganismId (optional)

String  A sequence of Unicode characters

paternalOrganismName (optional)

String  A sequence of Unicode characters

hybridType (optional)

CodeableConcept
Source material shall capture information on the taxonomic and anatomical origins as well as the fraction of a material that can result in or can be modified to form a substance. This set of data elements shall be used to define polymer substances isolated from biological matrices. Taxonomic and anatomical origins shall be described using a controlled vocabulary as required. This information is captured for naturally derived polymers (. starch) and structurally diverse substances. For Organisms belonging to the Kingdom Plantae the Substance level defines the fresh material of a single species or infraspecies, the Herbal Drug and the Herbal preparation. For Herbal preparations, the fraction information will be captured at the Substance information level and additional information for herbal extracts will be captured at the Specified Substance Group 1 information level. See for further explanation the Substance Class: Structurally Diverse and the herbal annex.

**id** (optional)
*String* A sequence of Unicode characters

**extension** (optional)
*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension** (optional)
*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**family** (optional)
*CodeableConcept*

**genus** (optional)
*CodeableConcept*

**species** (optional)
*CodeableConcept*

**intraspecificType** (optional)
*CodeableConcept*

**intraspecificDescription** (optional)
*String* A sequence of Unicode characters

**_intraspecificDescription** (optional)
*Element*

**author** (optional)
*array[SubstanceSourceMaterial_Author]* 4.9.13.6.1 Author type (Conditional).

**hybrid** (optional)
*SubstanceSourceMaterial_Hybrid*

**organismGeneral** (optional)
*SubstanceSourceMaterial_OrganismGeneral*

Source material shall capture information on the taxonomic and anatomical origins as well as the fraction of a material that can result in or can be modified to form a substance. This set of data elements shall be used to define polymer substances isolated from biological matrices. Taxonomic and anatomical origins shall be described using a controlled vocabulary as required. This information is captured for naturally derived polymers (. starch) and structurally diverse substances. For Organisms belonging to the Kingdom Plantae the Substance level defines the fresh material of a single species or infraspecies, the Herbal Drug and the Herbal preparation. For Herbal preparations, the fraction information will be captured at the Substance information level and additional information for herbal extracts will be captured at the
SubstanceSourceMaterial_PartDescription -

Source material shall capture information on the taxonomic and anatomical origins as well as the fraction of a material that can result in or can be modified to form a substance. This set of data elements shall be used to define polymer substances isolated from biological matrices. Taxonomic and anatomical origins shall be described using a controlled vocabulary as required. This information is captured for naturally derived polymers (e.g., starch) and structurally diverse substances. For Organisms belonging to the Kingdom Plantae the Substance level defines the fresh material of a single species or infraspecies, the Herbal Drug and the Herbal preparation. For Herbal preparations, the fraction information will be captured at the Substance information level and additional information for herbal extracts will be captured at the Specified Substance Group 1 information level. See for further explanation the Substance Class: Structurally Diverse and the herbal annex.

id (optional)

String  A sequence of Unicode characters

description (optional)

string  A sequence of Unicode characters

sourceMaterial (optional)

Substance

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

kingdom (optional)

CodeableConcept

phylum (optional)

CodeableConcept

class (optional)

CodeableConcept

order (optional)

CodeableConcept
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

part (optional)

CodeableConcept

partLocation (optional)

CodeableConcept

SubstanceSpecification -

The detailed description of a substance, typically at a level beyond what is used for prescribing.

resourceType

oas_any_type_not_mapped This is a SubstanceSpecification resource

id (optional)

String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

_language (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_language (optional)

Element

text (optional)

Narrative

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

text (optional)

Narrative

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

Identifier

type (optional)

CodeableConcept

status (optional)

CodeableConcept
SubstanceSpecification_Code -

The detailed description of a substance, typically at a level beyond what is used for prescribing.

  id (optional)
  String A sequence of Unicode characters
  extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  modifierExtension (optional)
  array[Extension]
  May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
or the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)

CodeableConcept

status (optional)

CodeableConcept

statusDate (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_statusDate (optional)

Element

comment (optional)

String A sequence of Unicode characters

__comment (optional)

Element

source (optional)

array[Reference] Supporting literature.

SubstanceSpecification_Isotope -

The detailed description of a substance, typically at a level beyond what is used for prescribing.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)

Identifier

name (optional)

CodeableConcept

substitution (optional)

CodeableConcept

halfLife (optional)

Quantity

molecularWeight (optional)
SubstanceSpecification_Moietystartstart - 

The detailed description of a substance, typically at a level beyond what is used for prescribing.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

role (optional)
  CodeableConcept

identifier (optional)
  Identifier

name (optional)
  String A sequence of Unicode characters

  _name (optional)
  Element

stereochemistry (optional)
  CodeableConcept

opticalActivity (optional)
  CodeableConcept

molecularFormula (optional)
  String A sequence of Unicode characters

  _molecularFormula (optional)
  Element

amountQuantity (optional)
  Quantity

amountString (optional)
  String Quantitative value for this moiety.

  _amountString (optional)
  Element

SubstanceSpecification_MolecularWeight - 

The detailed description of a substance, typically at a level beyond what is used for prescribing.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

method (optional)
CodeableConcept
type (optional)
CodeableConcept
amount (optional)
Quantity

SubstanceSpecification_Name -

The detailed description of a substance, typically at a level beyond what is used for prescribing.

id (optional)
String A sequence of Unicode characters

eXtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)
String A sequence of Unicode characters

_name (optional)
Element
type (optional)
CodeableConcept
status (optional)
CodeableConcept

preferred (optional)
Boolean Value of “true” or “false”

_preferred (optional)
Element

language (optional)
array[CodeableConcept] Language of the name.

domain (optional)
array[CodeableConcept] The use context of this name for example if there is a different name a drug active ingredient as opposed to a food colour additive.

jurisdiction (optional)
array[CodeableConcept] The jurisdiction where this name applies.

synonym (optional)
array[SubstanceSpecification_Name] A synonym of this name.

translation (optional)
array[SubstanceSpecification_Name] A translation for this name.

official (optional)
array[SubstanceSpecification_Official] Details of the official nature of this name.

source (optional)
array[Reference] Supporting literature.

SubstanceSpecification_Official -

The detailed description of a substance, typically at a level beyond what is used for prescribing.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

authority (optional)
CodeableConcept

status (optional)
CodeableConcept
date (optional)
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_Sub-date (optional)
Element

SubstanceSpecification_Property -

The detailed description of a substance, typically at a level beyond what is used for prescribing.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

category (optional)

CodeableConcept

code (optional)

CodeableConcept

parameters (optional)

String A sequence of Unicode characters

parameters (optional)

Element

definingSubstanceReference (optional)

Reference
definingSubstanceCodeableConcept (optional)

CodeableConcept

amountQuantity (optional)

Quantity

- amountString (optional)

String Quantitative value for this property.

- amountString (optional)

Element

SubstanceSpecification_Relationship -

The detailed description of a substance, typically at a level beyond what is used for prescribing.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).
substanceReference (optional)
Reference

substanceCodeableConcept (optional)
CodeableConcept

relationship (optional)
CodeableConcept

isDefining (optional)
Boolean

_isDefining (optional)
Element

amountQuantity (optional)
Quantity

amountRange (optional)
Range

amountRatio (optional)
Ratio

amountString (optional)
String

_amountString (optional)
Element

amountRatioLowLimit (optional)
Ratio

amountType (optional)
CodeableConcept

source (optional)
array[Reference]
Supporting literature.

SubstanceSpecification_Representation -

The detailed description of a substance, typically at a level beyond what is used for prescribing.

id (optional)
String

extension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
CodeableConcept

representation (optional)
String

_representation (optional)
SubstanceSpecification_Structure -

The detailed description of a substance, typically at a level beyond what is used for prescribing.

- id (optional)
  - String A sequence of Unicode characters
- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- modifierExtension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
  
  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- stereochemistry (optional)
  - CodeableConcept
- opticalActivity (optional)
  - CodeableConcept

- molecularFormula (optional)
  - String A sequence of Unicode characters
  - _molecularFormula (optional)
    - Element
- molecularFormulaByMoiety (optional)
  - String A sequence of Unicode characters
  - _molecularFormulaByMoiety (optional)
    - Element

- isotope (optional)
  - array[SubstanceSpecification_Isotope] Applicable for single substances that contain a radionuclide or a non-natural isotopic ratio.
- molecularWeight (optional)
  - SubstanceSpecification_MolecularWeight

- source (optional)
  - array[Reference] Supporting literature.

- representation (optional)

Substance_Ingredient -

A homogeneous material with a definite composition.

- id (optional)
  - String A sequence of Unicode characters
- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

https://10.2.2.41/api-doc/
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**quantity (optional)**

*Ratio*

**substanceCodeableConcept (optional)**

*CodeableConcept*

**substanceReference (optional)**

*Reference*

---

**Substance_Instance** -

A homogeneous material with a definite composition.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

*Identifier*

**expiry (optional)**

*String* A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**_expiry (optional)**

*Element*

**quantity (optional)**

*Quantity*

---

**SupplyDelivery** -
resourceType
  oas any type not mapped This is a SupplyDelivery resource
id (optional)
  String Any combination of letters, numerals, "-' and ".", with a length limit of 64 characters. (This
  might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
  constraints.) Ids are case-insensitive.
meta (optional)
  Meta
implicitRules (optional)
  String String of characters used to identify a name or a resource
_implicitRules (optional)
  Element
language (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there
  is no whitespace other than single spaces in the contents
_language (optional)
  Element
text (optional)
  Narrative
contained (optional)
  array[ResourceList] These resources do not have an independent existence apart from the resource
  that contains them - they cannot be identified independently, and nor can they have their own
  independent transaction scope.
extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic
  definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
  governance applied to the definition and use of extensions. Though any implementer can define an
  extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
  array[Extension]

May be used to represent additional information that is not part of the basic
  definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the
  containing element's descendants. Usually modifier extensions provide negation or qualification. To
  make the use of extensions safe and manageable, there is a strict set of governance applied to the
  definition and use of extensions. Though any implementer is allowed to define an extension, there is a
  set of requirements that SHALL be met as part of the definition of the extension. Applications
  processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
  (including cannot change the meaning of modifierExtension itself).

identifier (optional)
  array[Identifier] Identifier for the supply delivery event that is used to identify it across multiple
  disparate systems.
basedOn (optional)
  array[Reference] A plan, proposal or order that is fulfilled in whole or in part by this event.
partOf (optional)
  array[Reference] A larger event of which this particular event is a component or step.
status (optional)
  String A code specifying the state of the dispense event.
    Enum:
      in-progress
      completed
      abandoned
      entered-in-error
_status (optional)
  Element
patient (optional)

  Reference

type (optional)

  CodeableConcept

suppliedItem (optional)

  SupplyDelivery_SuppliedItem

occurrenceDateTime (optional)

  String

    The date or time(s) the activity occurred.

_occurrenceDateTime (optional)

  Element

occurrencePeriod (optional)

  Period

occurrenceTiming (optional)

  Timing

supplier (optional)

  Reference

destination (optional)

  Reference

receiver (optional)

  array[Reference]

    Identifies the person who picked up the Supply.

SupplyDelivery_SuppliedItem -

  Record of delivery of what is supplied.

id (optional)

  String

    A sequence of Unicode characters

extension (optional)

  array[Extension]

    May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

  array[Extension]

    May be used to represent additional information that is not part of the basic definition of the element
    and that modifies the understanding of the element in which it is contained and/or the understanding
    of the containing element's descendants. Usually modifier elements provide negation or qualification.
    To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

    Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
    (including cannot change the meaning of modifierExtension itself).

quantity (optional)

  Quantity

itemCodeableConcept (optional)

  CodeableConcept

itemReference (optional)

  Reference

SupplyRequest -

  A record of a request for a medication, substance or device used in the healthcare setting.

resourceType

  oas_any_type_not_mapped

    This is a SupplyRequest resource
id (optional)
   String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This
   might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
   constraints.) Ids are case-insensitive.

meta (optional)
   Meta

implicitRules (optional)
   String string of characters used to identify a name or a resource

_language (optional)
   String A string which has at least one character and no leading or trailing whitespace and where there
   is no whitespace other than single spaces in the contents

language (optional)
   String A string which has at least one character and no leading or trailing whitespace and where there
   is no whitespace other than single spaces in the contents

text (optional)
   Narrative

contained (optional)
   array[ResourceList] These resources do not have an independent existence apart from the resource
   that contains them - they cannot be identified independently, and nor can they have their own
   independent transaction scope.

extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic
   definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
   governance applied to the definition and use of extensions. Though any implementer can define an
   extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic
   definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the
   containing element's descendants. Usually modifier elements provide negation or qualification. To
   make the use of extensions safe and manageable, there is a strict set of governance applied to the
   definition and use of extensions. Though any implementer is allowed to define an extension, there is a
   set of requirements that SHALL be met as part of the definition of the extension. Applications
   processing a resource are required to check for modifier extensions.

   Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
   (including cannot change the meaning of modifierExtension itself).

identifier (optional)
   array[Identifier] Business identifiers assigned to this SupplyRequest by the author and/or other
   systems. These identifiers remain constant as the resource is updated and propagates from server to
   server.

status (optional)
   String status of the supply request.
   Enum:
      - draft
      - active
      - suspended
      - cancelled
      - completed
      - entered-in-error
      - unknown

category (optional)
   CodeableConcept

priority (optional)
**SupplyRequest**

A record of a request for a medication, substance or device used in the healthcare setting.

**SupplyRequest_Parameter**

A record of a request for a medication, substance or device used in the healthcare setting.

**String** A sequence of Unicode characters

**Extension** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**ModifierExtension**

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's data.
or the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)

    CodeableConcept

valueCodeableConcept (optional)

    CodeableConcept

valueQuantity (optional)

    Quantity

valueRange (optional)

    Range

valueBoolean (optional)

    Boolean

    _valueBoolean (optional)

    Element

Task -

A task to be performed.

resourceType

  oas_any_type_not_mapped This is a Task resource

id (optional)

  String Any combination of letters, numerals, “.” and “-” with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

  Meta

implicitRules (optional)

  String String of characters used to identify a name or a resource

  _implicitRules (optional)

  Element

language (optional)

  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

  _language (optional)

  Element

text (optional)

  Narrative

contained (optional)

  array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

  array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

  array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

identifier (optional)
array[Identifier] The business identifier for this task.

instantiatesCanonical (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

instantiatesUri (optional)
String String of characters used to identify a name or a resource

_basedOn (optional)
Element

basedOn (optional)
array[Reference] BasedOn refers to a higher-level authorization that triggered the creation of the task. It references a "request" resource such as a ServiceRequest, MedicationRequest, ServiceRequest, CarePlan, etc. which is distinct from the "request" resource the task is seeking to fulfill. This latter resource is referenced by FocusOn. For example, based on a ServiceRequest (= BasedOn), a task is created to fulfill a procedureRequest (= FocusOn) to collect a specimen from a patient.

groupIdentifier (optional)
_identifier

partOf (optional)
array[Reference] Task that this particular task is part of.

status (optional)
String The current status of the task.
Enum:
draft requested received accepted rejected ready cancelled in-progress on-hold failed completed entered-in-error

_status (optional)
Element

statusReason (optional)
CodeableConcept

businessStatus (optional)
CodeableConcept

intent (optional)
String Indicates the "level" of actionability associated with the Task, i.e. i+R[9]Cs this a proposed task, a planned task, an actionable task, etc.
Enum:
unknown proposal plan original-order reflex-order filler-order instance-order option

_intent (optional)
Element
priority (optional)
  String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_code (optional)
  CodeableConcept
description (optional)
  String A sequence of Unicode characters

_focus (optional)
  Reference
_for (optional)
  Reference
code (optional)
  CodeableConcept
description (optional)
  String A sequence of Unicode characters

[lastModified (optional)
  string A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

[authoredOn (optional)
  string A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_performerType (optional)
  array[CodeableConcept] The kind of participant that should perform the task.

_owner (optional)
  Reference

_requester (optional)
  Reference

_reasonCode (optional)
  CodeableConcept

_reasonReference (optional)
  Reference

_insurance (optional)
  array[Reference] Insurance plans, coverage extensions, pre-authorizations and/or pre-determinations that may be relevant to the task.

_note (optional)
  array[Annotation] Free-text information captured about the task as it progresses.

_relevantHistory (optional)
  array[Reference] Links to Provenance records for past versions of this Task that identify key state transitions or updates that are likely to be relevant to a user looking at the current version of the task.

_restriction (optional)
  Task_Restriction
input (optional)
  array[Task_Input] Additional information that may be needed in the execution of the task.

output (optional)

Task_Input -

A task to be performed.
  id (optional)
    String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

  type
    CodeableConcept

  valueBase64Binary (optional)
    String The value of the input parameter as a basic type.

    _valueBase64Binary (optional)
      Element

  valueBoolean (optional)
    Boolean The value of the input parameter as a basic type.

    _valueBoolean (optional)
      Element

  valueCanonical (optional)
    String The value of the input parameter as a basic type.

    _valueCanonical (optional)
      Element

  valueCode (optional)
    String The value of the input parameter as a basic type.

    _valueCode (optional)
      Element

  valueDate (optional)
    String The value of the input parameter as a basic type.

    _valueDate (optional)
      Element

  valueDateTime (optional)
    String The value of the input parameter as a basic type.

    _valueDateTime (optional)
      Element

  valueDecimal (optional)
    BigDecimal The value of the input parameter as a basic type.
### _valueDecimal (optional)

**Element**

valueDecimal (optional)

**String** The value of the input parameter as a basic type.

### _valueId (optional)

**Element**

valueId (optional)

**String** The value of the input parameter as a basic type.

### _valueInstant (optional)

**Element**

valueInstant (optional)

**String** The value of the input parameter as a basic type.

### _valueInstant (optional)

**Element**

valueInstant (optional)

**String** The value of the input parameter as a basic type.

### _valueInteger (optional)

**Element**

valueInteger (optional)

**BigDecimal** The value of the input parameter as a basic type.

### _valueInteger (optional)

**Element**

valueInteger (optional)

**BigDecimal** The value of the input parameter as a basic type.

### _valueMarkdown (optional)

**Element**

valueMarkdown (optional)

**String** The value of the input parameter as a basic type.

### _valueMarkdown (optional)

**Element**

valueMarkdown (optional)

**String** The value of the input parameter as a basic type.

### _valueOid (optional)

**Element**

valueOid (optional)

**String** The value of the input parameter as a basic type.

### _valueOid (optional)

**Element**

valueOid (optional)

**String** The value of the input parameter as a basic type.

### _valuePositiveInt (optional)

**Element**

valuePositiveInt (optional)

**BigDecimal** The value of the input parameter as a basic type.

### _valuePositiveInt (optional)

**Element**

valuePositiveInt (optional)

**BigDecimal** The value of the input parameter as a basic type.

### _valueString (optional)

**Element**

valueString (optional)

**String** The value of the input parameter as a basic type.

### _valueString (optional)

**Element**

valueString (optional)

**String** The value of the input parameter as a basic type.

### _valueTime (optional)

**Element**

valueTime (optional)

**String** The value of the input parameter as a basic type.

### _valueTime (optional)

**Element**

valueTime (optional)

**String** The value of the input parameter as a basic type.

### _valueUnsignedInt (optional)

**Element**

valueUnsignedInt (optional)

**BigDecimal** The value of the input parameter as a basic type.

### _valueUnsignedInt (optional)

**Element**

valueUnsignedInt (optional)

**BigDecimal** The value of the input parameter as a basic type.

### _valueUri (optional)

**Element**

valueUri (optional)

**String** The value of the input parameter as a basic type.

### _valueUri (optional)

**Element**

valueUri (optional)

**String** The value of the input parameter as a basic type.

### _valueUrl (optional)

**Element**

valueUrl (optional)

**String** The value of the input parameter as a basic type.

### _valueUrl (optional)

**Element**

valueUrl (optional)

**String** The value of the input parameter as a basic type.

### _valueUuid (optional)

**Element**

valueUuid (optional)

**String** The value of the input parameter as a basic type.

### _valueUuid (optional)

**Element**

valueUuid (optional)

**String** The value of the input parameter as a basic type.

### valueAddress (optional)

**Address**
valueAge (optional)

Age

valueAnnotation (optional)

Annotation

valueAttachment (optional)

Attachment

valueCodeableConcept (optional)

CodeableConcept

valueCoding (optional)

Coding

valueContactPoint (optional)

ContactPoint

valueCount (optional)

Count

valueDistance (optional)

Distance

valueDuration (optional)

Duration

valueHumanName (optional)

HumanName

valueIdentifier (optional)

Identifier

valueMoney (optional)

Money

valuePeriod (optional)

Period

valueQuantity (optional)

Quantity

valueRange (optional)

Range

valueRatio (optional)

Ratio

valueReference (optional)

Reference

valueSampledData (optional)

SampledData

valueSignature (optional)

Signature

valueTiming (optional)

Timing

valueContactDetail (optional)

ContactDetail

valueContributor (optional)

Contributor

valueDataRequirement (optional)

DataRequirement

valueExpression (optional)

Expression

valueParameterDefinition (optional)

ParameterDefinition

valueRelatedArtifact (optional)

RelatedArtifact
valueTriggerDefinition (optional)

TriggerDefinition

valueUsageContext (optional)

UsageContext

valueDosage (optional)

Dosage

valueMeta (optional)

Meta

Task_Output -

A task to be performed.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type

CodeableConcept

valueBase64Binary (optional)

String The value of the Output parameter as a basic type.

_valueBase64Binary (optional)

Element

valueBoolean (optional)

Boolean The value of the Output parameter as a basic type.

_valueBoolean (optional)

Element

valueCanonical (optional)

String The value of the Output parameter as a basic type.

_valueCanonical (optional)

Element

valueCode (optional)

String The value of the Output parameter as a basic type.

_valueCode (optional)

Element

valueDate (optional)

String The value of the Output parameter as a basic type.

_valueDate (optional)

Element

valueDateTime (optional)

String The value of the Output parameter as a basic type.
_valueDateTime (optional)  
**Element**

valueDecimal (optional)  
**BigDecimal** The value of the Output parameter as a basic type.

_valueDecimal (optional)  
**Element**

_valueId (optional)  
**String** The value of the Output parameter as a basic type.

_valueInstant (optional)  
**String** The value of the Output parameter as a basic type.

_valueInteger (optional)  
**BigDecimal** The value of the Output parameter as a basic type.

_valueInteger (optional)  
**Element**

_valueMarkdown (optional)  
**String** The value of the Output parameter as a basic type.

_valueOid (optional)  
**String** The value of the Output parameter as a basic type.

_valueOid (optional)  
**Element**

_valuePositiveInt (optional)  
**BigDecimal** The value of the Output parameter as a basic type.

_valuePositiveInt (optional)  
**Element**

_valueString (optional)  
**String** The value of the Output parameter as a basic type.

_valueString (optional)  
**Element**

_valueTime (optional)  
**String** The value of the Output parameter as a basic type.

_valueTime (optional)  
**Element**

_valueUnsignedInt (optional)  
**BigDecimal** The value of the Output parameter as a basic type.

_valueUnsignedInt (optional)  
**Element**

_valueUri (optional)  
**String** The value of the Output parameter as a basic type.

_valueUri (optional)  
**Element**

_valueUrl (optional)  
**String** The value of the Output parameter as a basic type.

_valueUrl (optional)  
**Element**

_valueUuid (optional)  
**String** The value of the Output parameter as a basic type.
_valueUuid (optional)
  Element
valueAddress (optional)
  Address
valueAge (optional)
  Age
valueAnnotation (optional)
  Annotation
valueAttachment (optional)
  Attachment
valueCodeableConcept (optional)
  CodeableConcept
valueCoding (optional)
  Coding
valueContactPoint (optional)
  ContactPoint
valueCount (optional)
  Count
valueDistance (optional)
  Distance
valueDuration (optional)
  Duration
valueHumanName (optional)
  HumanName
valueIdentifier (optional)
  Identifier
valueMoney (optional)
  Money
valuePeriod (optional)
  Period
valueQuantity (optional)
  Quantity
valueRange (optional)
  Range
  __
valueRatio (optional)
  Ratio
valueReference (optional)
  Reference
valueSampledData (optional)
  SampledData
valueSignature (optional)
  Signature
valueTiming (optional)
  Timing
  __
valueContactDetail (optional)
  ContactDetail
valueContributor (optional)
  Contributor
valueDataRequirement (optional)
  DataRequirement
valueExpression (optional)
  Expression
valueParameterDefinition (optional)
ParameterDefinition

valueRelatedArtifact (optional)
RelatedArtifact

valueTriggerDefinition (optional)
TriggerDefinition

valueUsageContext (optional)
UsageContext

valueDosage (optional)
Dosage

valueMeta (optional)
Meta

Task_Restriction -  

A task to be performed.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
to make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

repetitions (optional)
BigDecimal An integer with a value that is positive (e.g. >0)

_repetitions (optional)
Element

period (optional)
Period

recipient (optional)
array[Reference] For requests that are targeted to more than on potential recipient/target, for whom
is fulfillment sought?

TerminologyCapabilities -  

A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be
used as a statement of actual server functionality or a statement of required or desired server implementation.

resourceType

oas_any_type_not_mapped This is a TerminologyCapabilities resource

id (optional)
String Any combination of letters, numerals, "~", and "\" with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

meta (optional)
implicitRules (optional)

String String of characters used to identify a name or a resource

_language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

contained (optional)

These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

url (optional)

String String of characters used to identify a name or a resource

_version (optional)

String A sequence of Unicode characters

name (optional)

String A sequence of Unicode characters

_title (optional)

String The status of this terminology capabilities. Enables tracking the life-cycle of the content.

Enum:

draft
active
retired
unknown
_status (optional)

Element

experimental (optional)

Boolean value of “true” or “false”

_experimental (optional)

Element

date (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types g'year, g'yearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)

Element

publisher (optional)

String A sequence of Unicode characters

__publisher (optional)

Element

contact (optional)

array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

__description (optional)

Element

useContext (optional)

array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate terminology capabilities instances.

jurisdiction (optional)

array[CodeableConcept] A legal or geographic region in which the terminology capabilities is intended to be used.

purpose (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

__purpose (optional)

Element

copyright (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

__copyright (optional)

Element

kind (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

__kind (optional)

Element

software (optional)

TerminologyCapabilities.Software

implementation (optional)

TerminologyCapabilities.Implementation

lockedDate (optional)

Boolean Value of “true” or “false”

__lockedDate (optional)

Element
codeSystem (optional)

array[TerminologyCapabilities_CodeSystem] identifies a code system that is supported by the server. If there is a no code system URL, then this declares the general assumptions a client can make about support for any CodeSystem resource.

description (optional)

TerminologyCapabilities_Description

codeSearch (optional)

String The degree to which the server supports the code search parameter on ValueSet, if it is supported.

   Enum:
   explicit
   all

codeSearch (optional)

Element

validateCode (optional)

TerminologyCapabilities_ValidateCode

translation (optional)

TerminologyCapabilities_Translation

closure (optional)

TerminologyCapabilities_Closure

TerminologyCapabilities_Closure -

A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

   id (optional)

String A sequence of Unicode characters

description (optional)

Extension array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   modifierExtension (optional)

Extension array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

   Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

   translation (optional)

Boolean Value of "true" or "false"

_translation (optional)

Element

TerminologyCapabilities_CodeSystem -

A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

   id (optional)

String A sequence of Unicode characters

description (optional)

Extension array[Extension] May be used to represent additional information that is not part of the basic definition of the element.
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

uri (optional)
String A URI that is a reference to a canonical URL on a FHIR resource

version (optional)
array[terminologyCapabilities_Version] For the code system, a list of versions that are supported by the server.

subsumption (optional)
Boolean Value of “true” or “false”

_TerminologyCapabilities_Expansion -

A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)
string A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

hierarchical (optional)
Boolean Value of “true” or “false”

_paging (optional)
Boolean Value of “true” or “false”

_Element
**TerminologyCapabilities_Filter**

A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

- **id** (optional)
  - **String** A sequence of Unicode characters
- **extension** (optional)
  - **array[[Extension]]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
- **modifierExtension** (optional)
  - **array[[Extension]]** May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
- **code** (optional)
  - **String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
- **op** (optional)
  - **array[[String]]** Operations supported for the property.
  - **array[[Element]]** Extensions for op

**TerminologyCapabilities_Implementation**

A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

- **id** (optional)
  - **String** A sequence of Unicode characters
- **extension** (optional)
  - **array[[Extension]]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

description (optional)
String A sequence of Unicode characters

_description (optional)
Element
url (optional)
String A URI that is a literal reference

_url (optional)
Element

TerminologyCapabilities_Parameter

A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_name (optional)
Element

documentation (optional)
String A sequence of Unicode characters

_documentation (optional)
Element

TerminologyCapabilities_Software
A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)

String A sequence of Unicode characters

_name (optional)

Element

version (optional)

String A sequence of Unicode characters

_version (optional)

Element

TerminologyCapabilities_Translation

A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

needsMap (optional)

Boolean Value of "true" or "false"

_needsMap (optional)
**TerminologyCapabilities_Compare** -

A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

- **id** (optional)
  - `String` A sequence of Unicode characters
- **extension** (optional)
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  **modifierExtension** (optional)
  - `array[Extension]`

    May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

    To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

    Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **translations** (optional)
  - `Boolean` Value of "true" or "false"

  **_translations** (optional)
  - `Element`

**TerminologyCapabilities_Version** -

A TerminologyCapabilities resource documents a set of capabilities (behaviors) of a FHIR Terminology Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation.

- **id** (optional)
  - `String` A sequence of Unicode characters
- **extension** (optional)
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  **modifierExtension** (optional)
  - `array[Extension]`

    May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

    To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

    Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **code** (optional)
  - `String` A sequence of Unicode characters

  **_code** (optional)
  - `Element`
isDefault (optional)  
*Boolean* Value of "true" or "false"

_ isDefault (optional)  
*Element_

compositional (optional)  
*Boolean* Value of "true" or "false"

_ compositional (optional)  
*Element_

language (optional)  
*array[String]* Language Displays supported.

_ language (optional)  
*array[Element]* Extensions for language

filter (optional)  
*array[TerminologyCapabilities_Filter]* Filter Properties supported.

property (optional)  
*array[String]* Properties supported for $lookup.

_ property (optional)  
*array[Element]* Extensions for property

TestReport -

A summary of information based on the results of executing a TestScript.

resourceType  
*oas_any_type_not_mapped* This is a TestReport resource

id (optional)  
*String* Any combination of letters, numerals, ".-" and ",.", with a length limit of 64 characters. (This might be an integer, an unprefix OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)  
*Meta_

implicitRules (optional)  
*String* String of characters used to identify a name or a resource

_ implicitRules (optional)  
*Element_

language (optional)  
*String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_ language (optional)  
*Element_

text (optional)  
*Narrative_

contained (optional)  
*array[ResourceList]* These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)  
*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
*array[Extension]* May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.
Make the use of extensions safe and manageable, there is a set of governance applied to the
definition and use of extensions. Though any implementer is allowed to define an extension, there is a
set of requirements that SHALL be met as part of the definition of the extension. Applications
processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

- **identifier**

**name (optional)**

- **String** A sequence of Unicode characters

**_name (optional)**

- **Element**

**status (optional)**

- **String** The current state of this test report.
  
  - Enum:
    - completed
    - in-progress
    - waiting
    - stopped
    - entered-in-error

**_status (optional)**

- **Element**

**testScript**

- **Reference**

**result (optional)**

- **String** The overall result from the execution of the TestScript.
  
  - Enum:
    - pass
    - fail
    - pending

**_result (optional)**

- **Element**

**score (optional)**

- **BigDecimal** A rational number with implicit precision

**_score (optional)**

- **Element**

**tester (optional)**

- **String** A sequence of Unicode characters

**_tester (optional)**

- **Element**

**issued (optional)**

- **String** A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are
  specified, a time zone SHALL be populated. The format is a union of the schema types gYear,
gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be
  zero-filled and may be ignored. Dates SHALL be valid dates.

**_issued (optional)**

- **Element**

**participant (optional)**

- **array[TestReport_Participant]** A participant in the test execution, either the execution engine, a
  client, or a server.

**setup (optional)**

- **TestReport_Setup**

**test (optional)**

- **array[TestReport_Test]** A test executed from the test script.

**teardown (optional)**

- **TestReport_Teardown**
TestReport_Action -
A summary of information based on the results of executing a TestScript.

  id (optional)  
  String A sequence of Unicode characters

  extension (optional)  
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  modifierExtension (optional)  
  array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

  operation (optional)  
  TestReport_Operation

  assert (optional)  
  TestReport_Assert

TestReport_Action1 -
A summary of information based on the results of executing a TestScript.

  id (optional)  
  String A sequence of Unicode characters

  extension (optional)  
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

  modifierExtension (optional)  
  array[Extension]

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

  operation (optional)  
  TestReport_Operation

  assert (optional)  
  TestReport_Assert

TestReport_Action2 -
A summary of information based on the results of executing a TestScript.
id (optional)
   String A sequence of Unicode characters

extension (optional)
   array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
   array[Extension]

   May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

operation
   TestReport_Operation

TestReport_Assert -
   A summary of information based on the results of executing a TestScript.

   id (optional)
      String A sequence of Unicode characters

   extension (optional)
      array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

   modifierExtension (optional)
      array[Extension]

   May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

   result (optional)
      String The result of this assertion.
      Enum: pass skip fail warning error

   _result (optional)
      Element

   message (optional)
      String A string that may contain Github Flavored Markdown syntax for optional processing by a mark
   down presentation engine

   _message (optional)
TestReport_Operation -

A summary of information based on the results of executing a TestScript.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

result (optional)

String The result of this operation.

Enum:
  pass
  skip
  fail
  warning
  error

_result (optional)

Element

message (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a mark
down presentation engine

_message (optional)

Element

detail (optional)

String A string of characters used to identify a name or a resource

detail (optional)

Element

TestReport_Participant -

A summary of information based on the results of executing a TestScript.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
TestReport_Setup -

A summary of information based on the results of executing a TestScript.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element's descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

type (optional)

String The type of participant.

Enum:

test-engine
client
server

_uri (optional)

Element

display (optional)

String A sequence of Unicode characters

_action (optional)

array[TestReport_Action] Action would contain either an operation or an assertion.

TestReport_Teardown -

https://10.2.2.41/api-doc/
A summary of information based on the results of executing a TestScript.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**action**

*array[TestReport_Action]* The teardown action will only contain an operation.

**TestReport_Test**

A summary of information based on the results of executing a TestScript.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]*

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**name (optional)**

*String* A sequence of Unicode characters

**_name (optional)**

*Element*

**description (optional)**

*String* A sequence of Unicode characters

**_description (optional)**

*Element*

**action**

*array[TestReport_Action]* Action would contain either an operation or an assertion.
A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

- **resourceType**: `TestScript` This is a TestScript resource

- **id (optional)**: String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

- **meta (optional)**: Meta

- **implicitRules (optional)**: String String of characters used to identify a name or a resource

- **language (optional)**: String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

- **text (optional)**: Narrative

- **contained (optional)**: array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

- **extension (optional)**: array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**: array[Extension] May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **url (optional)**: String String of characters used to identify a name or a resource

  - **_url (optional)**: Element

- **identifier (optional)**: Identifier

- **version (optional)**: String A sequence of Unicode characters

  - **_version (optional)**: Element

- **name (optional)**: String A sequence of Unicode characters
_name (optional)  
`Element`

title (optional)  
`String` A sequence of Unicode characters

_title (optional)  
`Element`

status (optional)  
`String` The status of this test script. Enables tracking the life-cycle of the content.  
Enum:  
draft  
active  
retired  
unknown

_status (optional)  
`Element`

experimental (optional)  
`Boolean` Value of "true" or "false"

_experimental (optional)  
`Element`

date (optional)  
`String` A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)  
`Element`

publisher (optional)  
`String` A sequence of Unicode characters

_publisher (optional)  
`Element`

contact (optional)  
`array[ContactDetail]` Contact details to assist a user in finding and communicating with the publisher.

description (optional)  
`String` A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)  
`Element`

useContext (optional)  
`array[UsageContext]` The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate test script instances.

jurisdiction (optional)  
`array[CodeableConcept]` A legal or geographic region in which the test script is intended to be used.

_purpose (optional)  
`String` A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_purpose (optional)  
`Element`

copyright (optional)  
`String` A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

copyright (optional)  
`Element`

origin (optional)
array[TestScript_Origin] An abstract server used in operations within this test script in the origin element.

destination (optional)
array[TestScript_Destination] An abstract server used in operations within this test script in the destination element.

metadata (optional)
TestScript_Metadata

fixture (optional)
array[TestScript_Fixture] Fixture in the test script - by reference (uri). All fixtures are required for the test script to execute.

profile (optional)
array[Reference] Reference to the profile to be used for validation.

variable (optional)
array[TestScript_Variable] Variable is set based either on element value in response body or on header field value in the response headers.

setup (optional)
TestScript_Setup
test (optional)
array[TestScript_Test] A test in this script.

tearardown (optional)
TestScript_Tearardown

TestScript_Action -

A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

operation (optional)
TestScript_Operation

assert (optional)
TestScript_Assert

TestScript_Action1 -

A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)
String A sequence of Unicode characters
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

operation (optional)

TestScript_Operation

assert (optional)

TestScript_Assert

TestScript_Action2 -

A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

operation

TestScript_Operation

TestScript_Assert -

A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **label (optional)**
  - *String* A sequence of Unicode characters
- **_label (optional)**
  - *Element*
- **description (optional)**
  - *String* A sequence of Unicode characters
- **_description (optional)**
  - *Element*
- **direction (optional)**
  - *String* The direction to use for the assertion.
    - *Enum*
      - *response*
      - *request*
- **_direction (optional)**
  - *Element*
- **compareToSourceId (optional)**
  - *String* A sequence of Unicode characters
- **_compareToSourceId (optional)**
  - *Element*
- **compareToSourceExpression (optional)**
  - *String* A sequence of Unicode characters
- **_compareToSourceExpression (optional)**
  - *Element*
- **compareToSourcePath (optional)**
  - *String* A sequence of Unicode characters
- **_compareToSourcePath (optional)**
  - *Element*
- **contentType (optional)**
  - *String* A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents
- **_contentType (optional)**
  - *Element*
- **expression (optional)**
  - *String* A sequence of Unicode characters
- **_expression (optional)**
  - *Element*
- **headerField (optional)**
  - *String* A sequence of Unicode characters
- **_headerField (optional)**
  - *Element*
- **minimumId (optional)**
A sequence of Unicode characters

_minimumId (optional)

Element

navigationLinks (optional)

Boolean Value of "true" or "false"

_navigationLinks (optional)

Element

operator (optional)

String The operator type defines the conditional behavior of the assert. If not defined, the default is equals.

Enum:
- equals
- notEquals
- in
- notIn
- greaterThan
- lessThan
- empty
- notEmpty
- contains
- notContains
- eval

_operator (optional)

Element

path (optional)

String A sequence of Unicode characters

_path (optional)

Element

requestMethod (optional)

String The request method or HTTP operation code to compare against that used by the client system under test.

Enum:
- delete
- get
- options
- patch
- post
- put
- head

_requestMethod (optional)

Element

requestURL (optional)

String A sequence of Unicode characters

_requestURL (optional)

Element

resource (optional)

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_resource (optional)

Element

response (optional)

String ok | created | noContent | notModified | bad | forbidden | notFound | methodNotAllowed | conflict | gone | preconditionFailed | unprocessable.

Enum:
- okay
- created
- noContent
- notModified
- bad
- forbidden
- notFound
- methodNotAllowed
- conflict
- gone
- preconditionFailed
- unprocessable
response (optional)

Element

responseCode (optional)

String A sequence of Unicode characters

_value (optional)

Element

sourceld (optional)

String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_value (optional)

Element

validateProfileId (optional)

String Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

_value (optional)

Element

value (optional)

String A sequence of Unicode characters

_warningOnly (optional)

Boolean Value of "true" or "false"

_value (optional)

Element

TestScript_Capability -

A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

_required (optional)
TestScript_Destination

A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

index (optional)

BigDecimal A whole number

profile
TestScript_Fixture -

A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

- **id (optional)**
  - `String` A sequence of Unicode characters

- **extension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - `array[Extension]`

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

  To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

  Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

- **autocreate (optional)**
  - `Boolean` Value of “true” or “false”

- **_autocreate (optional)**
  - `Element`

- **autodelete (optional)**
  - `Boolean` Value of “true” or “false”

- **_autodelete (optional)**
  - `Element`

- **resource (optional)**
  - `Reference`

TestScript_Link -

A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

- **id (optional)**
  - `String` A sequence of Unicode characters

- **extension (optional)**
  - `array[Extension]` May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- **modifierExtension (optional)**
  - `array[Extension]`

  May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification.

  To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
url (optional)  
String STRING of characters used to identify a name or a resource

_url (optional)  
Element

description (optional)  
String A sequence of Unicode characters

_description (optional)  
Element

TestScript_Metadata -  
A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)  
String A sequence of Unicode characters

extension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
array[Extension]  
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

link (optional)  
array[TestScript_Link] A link to the FHIR specification that this test is covering.

capability  
array[TestScript_Capability] Capabilities that must exist and are assumed to function correctly on the FHIR server being tested.

TestScript_Operation -  
A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)  
String A sequence of Unicode characters

extension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
array[Extension]  
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the
Definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

type (optional)
   Coding

resource (optional)
   String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_label (optional)
   Element

_label (optional)
   String A sequence of Unicode characters

_description (optional)
   Element

Accept (optional)
   String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_contentType (optional)
   Element

destination (optional)
   BigDecimal A whole number

_encodeRequestUrl (optional)
   Boolean Value of “true” or “false”

_method (optional)
   String The HTTP method the test engine MUST use for this operation regardless of any other operation details.
      Enum:
         delete
         get
         options
         patch
         post
         put
         head

_origin (optional)
   BigDecimal A whole number

_params (optional)
   Element
A sequence of Unicode characters

_testScript_Origin -
A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)
A sequence of Unicode characters

extension (optional)
May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
index (optional)  
BigDecimal A whole number

_profile

Coding

TestScript_RequestHeader -
A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

field (optional)
String A sequence of Unicode characters

_field (optional)
Element

value (optional)
String A sequence of Unicode characters

_value (optional)
Element

TestScript_Setup -
A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

action
array[TestScript_Action] Action would contain either an operation or an assertion.

TestScript_Teardown -
A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

action
array[TestScript_Action2] The teardown action will only contain an operation.

TestScript_Test -
A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
name (optional)
  String A sequence of Unicode characters

_name (optional)
  Element
description (optional)
  String A sequence of Unicode characters

_description (optional)
  Element

action
  array[TestScript_Action] Action would contain either an operation or an assertion.

TestScript_Variable -

A structured set of tests against a FHIR server or client implementation to determine compliance against the FHIR specification.

id (optional)
  String A sequence of Unicode characters

extension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
  array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

name (optional)
  String A sequence of Unicode characters

_name (optional)
  Element
defaultValue (optional)
  String A sequence of Unicode characters

_defaultrValue (optional)
  Element
description (optional)
  String A sequence of Unicode characters

_description (optional)
  Element

testScript (optional)
  array[TestScript] A sequence of elements defined elsewhere

element (optional)
  array[E] A sequence of elements defined elsewhere

expression (optional)
  String A sequence of Unicode characters

_expression (optional)
  Element

headerField (optional)
  String A sequence of Unicode characters

_headerField (optional)
  Element

hint (optional)
Timing

Specifies an event that may occur multiple times. Timing schedules are used to record when things are planned, expected or requested to occur. The most common usage is in dosage instructions for medications. They are also used when planning care of various kinds, and may be used for reporting the schedule to which past regular activities were carried out.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

event (optional)

array[String] Identifies specific times when the event occurs.

_repeat (optional)

array[Element] Extensions for event

repeat (optional)

Timing_Repeat
code (optional)

CodeableConcept

Timing_Repeat

Specifies an event that may occur multiple times. Timing schedules are used to record when things are planned, expected or requested to occur. The most common usage is in dosage instructions for medications. They are also used when planning care of various kinds, and may be used for reporting the schedule to which past regular activities were carried out.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.
governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

boundsDuration (optional)

Duration

boundsRange (optional)

Range

boundsPeriod (optional)

Period

count (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_count (optional)

Element

countMax (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_countMax (optional)

Element

duration (optional)

BigDecimal A rational number with implicit precision

_duration (optional)

Element

durationMax (optional)

BigDecimal A rational number with implicit precision

_durationMax (optional)

Element

durationUnit (optional)

String The units of time for the duration, in UCUM units.

Enum:

s

min

h

d

wk

m

_a

_durationUnit (optional)

Element

frequency (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_frequency (optional)

Element

frequencyMax (optional)

BigDecimal An integer with a value that is positive (e.g. >0)

_frequencyMax (optional)

Element
period (optional)

\[ \text{BigDecimal} \] A rational number with implicit precision

period (optional)

\[ \text{Element} \]

periodMax (optional)

\[ \text{BigDecimal} \] A rational number with implicit precision

periodMax (optional)

\[ \text{Element} \]

periodUnit (optional)

\[ \text{String} \] The units of time for the period in UCUM units.

\begin{itemize}
  \item \text{s}
  \item \text{min}
  \item \text{h}
  \item \text{d}
  \item \text{wk}
  \item \text{mo}
  \item \text{a}
\end{itemize}

periodMax (optional)

\[ \text{Element} \]

dayOfWeek (optional)

\[ \text{array[String]} \] If one or more days of week is provided, then the action happens only on the specified day(s).

dayOfWeek (optional)

\[ \text{array[Element]} \] Extensions for dayOfWeek

timeOfDay (optional)

\[ \text{array[String]} \] Specified time of day for action to take place.

timeOfDay (optional)

\[ \text{array[Element]} \] Extensions for timeOfDay

when (optional)

\[ \text{array[String]} \] An approximate time period during the day, potentially linked to an event of daily living that indicates when the action should occur.

\begin{itemize}
  \item \text{Enum:}
  \item \text{array[Element]} \] Extensions for when
\end{itemize}

offset (optional)

\[ \text{BigDecimal} \] An integer with a value that is not negative (e.g. \( \geq 0 \))

offset (optional)

\[ \text{Element} \]

TriggerDefinition -

A description of a triggering event. Triggering events can be named events, data events, or periodic, as determined by the type element.

id (optional)

\[ \text{String} \] A sequence of Unicode characters

extension (optional)

\[ \text{array[Extension]} \] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

type (optional)

\[ \text{String} \] The type of triggering event.

\begin{itemize}
  \item \text{named-event}
  \item \text{periodic}
  \item \text{data-changed}
\end{itemize}
_type (optional)
Element
name (optional)
String A sequence of Unicode characters
  _name (optional)
Element

timingTiming (optional)
Timing
timingReference (optional)
Reference
timingDate (optional)
String The timing of the event (if this is a periodic trigger).
  _timingDate (optional)
Element
timingDateTime (optional)
String The timing of the event (if this is a periodic trigger).
  _timingDateTime (optional)
Element
data (optional)
array[DataRequirement] The triggering data of the event (if this is a data trigger). If more than one data is requirement is specified, then all the data requirements must be true.
condition (optional)
Expression

UsageContext -
Specifies clinical/business/etc. metadata that can be used to retrieve, index and/or categorize an artifact. This metadata can either be specific to the applicable population (e.g., age category, DRG) or the specific context of care (e.g., venue, care setting, provider of care).

  id (optional)
string A sequence of Unicode characters

  extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

code
Coding

  valueCodeableConcept (optional)
CodeableConcept

  valueQuantity (optional)
Quantity

  valueRange (optional)
Range

  valueReference (optional)
Reference

ValueSet -
A ValueSet resource instance specifies a set of codes drawn from one or more code systems, intended for use in a particular context. Value sets link between [[[CodeSystem]]] definitions and their use in coded elements.
**resourceType**

`oas_any_type_not_mapped` This is a ValueSet resource

**id (optional)**

`String` Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

**meta (optional)**

`Meta`

**implicitRules (optional)**

`String` String of characters used to identify a name or a resource

**_implicitRules (optional)**

`Element`

**language (optional)**

`String` A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**_language (optional)**

`Element`

**text (optional)**

`Narrative`

**contained (optional)**

`array[ResourceList]` These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

**extension (optional)**

`array[Extension]` May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**modifierExtension (optional)**

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

**url (optional)**

`String` String of characters used to identify a name or a resource

**_url (optional)**

`Element`

**identifier (optional)**

`array[Identifier]` A formal identifier that is used to identify this value set when it is represented in other formats, or referenced in a specification, model, design or an instance.

**version (optional)**

`String` A sequence of Unicode characters

**_version (optional)**

`Element`

**name (optional)**

`String` A sequence of Unicode characters

**_name (optional)**

`Element`

**title (optional)**
String A sequence of Unicode characters

_title (optional)

Element

status (optional)

String The status of this value set. Enables tracking the life-cycle of the content. The status of the value set applies to the value set definition (ValueSet.compose) and the associated ValueSet metadata. Expansions do not have a state.

Enum:
  - draft
  - active
  - retired
  - unknown

_status (optional)

Element

experimental (optional)

Boolean Value of "true" or "false"

_experimental (optional)

Element

date (optional)

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_date (optional)

Element

publisher (optional)

String A sequence of Unicode characters

_publisher (optional)

Element

contact (optional) array[ContactDetail] Contact details to assist a user in finding and communicating with the publisher.

description (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_description (optional)

Element

useContext (optional) array[UsageContext] The content was developed with a focus and intent of supporting the contexts that are listed. These contexts may be general categories (gender, age, ...) or may be references to specific programs (insurance plans, studies, ...) and may be used to assist with indexing and searching for appropriate value set instances.

jurisdiction (optional) array[CodeableConcept] A legal or geographic region in which the value set is intended to be used.

immutable (optional)

Boolean Value of "true" or "false"

_immutable (optional)

Element

purpose (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

_purpose (optional)

Element

copyright (optional)

String A string that may contain Github Flavored Markdown syntax for optional processing by a markdown presentation engine

copyright (optional)

Element
compose (optional)

ValueSet_Compose

expansion (optional)

ValueSet_Expansion

ValueSet_Compose -

A ValueSet resource instance specifies a set of codes drawn from one or more code systems, intended for use in a particular context. Value sets link between [[CodeSystem]] definitions and their use in coded elements.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

lockedDate (optional)

String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

_inactive (optional)

Element

include (optional)

array[ValueSet_Include] Include one or more codes from a code system or other value set(s).

exclude (optional)

array[ValueSet_Include] Exclude one or more codes from the value set based on code system filters and/or other value sets.

ValueSet_Concept -

A ValueSet resource instance specifies a set of codes drawn from one or more code systems, intended for use in a particular context. Value sets link between [[CodeSystem]] definitions and their use in coded elements.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]
May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

code (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_code (optional)
Element
display (optional)
String A sequence of Unicode characters

__display (optional)
Element
designation (optional)
Element
designation (optional)
array[ValueSet_Designation] Additional representations for this concept when used in this value set other languages, aliases, specialized purposes, used for particular purposes, etc.

ValueSet_Contains -

A ValueSet resource instance specifies a set of codes drawn from one or more code systems, intended for use in a particular context. Value sets link between [[[CodeSystem]]] definitions and their use in coded elements.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

system (optional)
String String of characters used to identify a name or a resource

__system (optional)
Element
abstract (optional)
Boolean Value of “true” or “false”

__abstract (optional)
Element
inactive (optional)
Boolean Value of “true” or “false”

__inactive (optional)
Element

https://10.2.2.41/api-doc/
version (optional)
   **String** A sequence of Unicode characters

_code (optional)
   **Element**

_code (optional)
   **String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_display (optional)
   **Element**

display (optional)
   **String** A sequence of Unicode characters

_designation (optional)
   **array[ValueSet_Designation]** Additional representations for this item - other languages, aliases, specialized purposes, used for particular purposes, etc. These are relevant when the conditions of the expansion do not fix to a single correct representation.

contains (optional)
   **array[ValueSet_Contains]** Other codes and entries contained under this entry in the hierarchy.

ValueSet_Designation -
A ValueSet resource instance specifies a set of codes drawn from one or more code systems, intended for use in a particular context. Value sets link between [[[CodeSystem]]] definitions and their use in coded elements.

id (optional)
   **String** A sequence of Unicode characters

extension (optional)
   **array[Extension]** May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
   **array[Extension]**

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

_language (optional)
   **String** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_value (optional)
   **Element**

use (optional)
   **Coding**

_value (optional)
   **String** A sequence of Unicode characters

_value (optional)
   **Element**
A ValueSet resource instance specifies a set of codes drawn from one or more code systems, intended for use in a particular context. Value sets link between [[CodeSystem]] definitions and their use in coded elements.

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**identifier (optional)**

*String* String of characters used to identify a name or a resource

**timestamp (optional)**

*String* A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**total (optional)**

*BigDecimal* A whole number

**offset (optional)**

*BigDecimal* A whole number

**parameter (optional)**

*array[ValueSet_Parameter]* A parameter that controlled the expansion process. These parameters may be used by users of expanded value sets to check whether the expansion is suitable for a particular purpose, or to pick the correct expansion.

**contains (optional)**

*array[ValueSet_Contains]* The codes that are contained in the value set expansion.
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

property (optional)
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_op (optional)
Element

value (optional)
String A sequence of Unicode characters

ValueSet_Include -

A ValueSet resource instance specifies a set of codes drawn from one or more code systems, intended for use in a particular context. Value sets link between [[[CodeSystem]]] definitions and their use in coded elements.

id (optional)
String A sequence of Unicode characters

extension (optional)
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**system (optional)**

*String* String of characters used to identify a name or a resource

**_system (optional)**

*Element*

**version (optional)**

*String* A sequence of Unicode characters

**_version (optional)**

*Element*

**concept (optional)**

*array[ValueSet_Concept]* Specifies a concept to be included or excluded.

**filter (optional)**

*array[ValueSet_Filter]* Select concepts by specify a matching criterion based on the properties (including relationships) defined by the system, or on filters defined by the system. If multiple filters are specified, they SHALL all be true.

**valueSet (optional)**

*array[String]* Selects the concepts found in this value set (based on its value set definition). This is an absolute URI that is a reference to ValueSet.url. If multiple value sets are specified this includes the union of the contents of all of the referenced value sets.

---

**ValueSet_Parameter**

A ValueSet resource instance specifies a set of codes drawn from one or more code systems, intended for use in a particular context. Value sets link between [[[CodeSystem]]] definitions and their use in coded elements.  

**id (optional)**

*String* A sequence of Unicode characters

**extension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

**modifierExtension (optional)**

*array[Extension]* May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier extensions provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**name (optional)**

*String* A sequence of Unicode characters

**_name (optional)**

*Element*

**valueString (optional)**

*String* The value of the parameter.

**_valueString (optional)**

*Element*

**valueBoolean (optional)**

*Boolean* The value of the parameter.
_valueBoolean (optional)

Element

valueInteger (optional)

BigDecimal The value of the parameter.

valueDecimal (optional)

BigDecimal The value of the parameter.

valueUri (optional)

String The value of the parameter.

valueCode (optional)

String The value of the parameter.

valueDateTime (optional)

String The value of the parameter.

VerificationResult -

Describes validation requirements, source(s), status and dates for one or more elements.

resourceType

oas_any_type_not_mapped This is a VerificationResult resource

id (optional)

String Any combination of letters, numerals, "." and ",", with a length limit of 64 characters. (This
might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these
constraints.) Ids are case-insensitive.

meta (optional)

Meta

implicitRules (optional)

String String of characters used to identify a name or a resource

_language (optional)

Element

language (optional)

String A string which has at least one character and no leading or trailing whitespace and where there
is no whitespace other than single spaces in the contents

_text (optional)

Element

contained (optional)

array[ResourceList] These resources do not have an independent existence apart from the resource
that contains them - they cannot be identified independently, and nor can they have their own
independent transaction scope.

element (optional)

array[Element] May be used to represent additional information that is not part of the basic
definition of the resource. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)
**array[Extension]**

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

**target (optional)**

array[Reference] A resource that was validated.

**targetLocation (optional)**

array[String] The fhirpath location(s) within the resource that was validated.

**need (optional)**

CodeableConcept

**status (optional)**

String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

**statusDate (optional)**

Element

**validationType (optional)**

CodeableConcept

**validationProcess (optional)**

array[CodeableConcept] The primary process by which the target is validated (edit check; value set; primary source; multiple sources; standalone; in context).

**frequency (optional)**

Timing

**lastPerformed (optional)**

String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

**nextScheduled (optional)**

String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

**failureAction (optional)**

CodeableConcept

**primarySource (optional)**

array[VerificationResult_PrimarySource] Information about the primary source(s) involved in validation.

**attestation (optional)**
VerificationResult_Attestation

Describes validation requirements, source(s), status and dates for one or more elements.

- id (optional)
  - String A sequence of Unicode characters

- extension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

- modifierExtension (optional)
  - array[Extension] May be used to represent additional information that is not part of the basic definition of an element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

- who (optional)
  - Reference

- onBehalfOf (optional)
  - Reference

- communicationMethod (optional)
  - CodeableConcept

- date (optional)
  - String A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates.

- _date (optional)
  - Element

- sourceIdentityCertificate (optional)
  - String A sequence of Unicode characters

- _sourceIdentityCertificate (optional)
  - Element

- proxyIdentityCertificate (optional)
  - String A sequence of Unicode characters

- _proxyIdentityCertificate (optional)
  - Element

- proxySignature (optional)
  - Signature

- sourceSignature (optional)
  - Signature

VerificationResult_PrimarySource

Describes validation requirements, source(s), status and dates for one or more elements.

- id (optional)
  - String A sequence of Unicode characters
extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

who (optional)

Reference

type (optional)

array[CodeableConcept] Type of primary source (License Board; Primary Education; Continuing Education; Postal Service; Relationship owner; Registration Authority; legal source; issuing source; authoritative source).

communicationMethod (optional)

array[CodeableConcept] Method for communicating with the primary source (manual; API; Push).

validationStatus (optional)

CodeableConcept

validationDate (optional)

String A date, date-time or partial date (e.g., just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

validationDate (optional)

Element
canPushUpdates (optional)

CodeableConcept

pushTypeAvailable (optional)

array[CodeableConcept] Type of alerts/updates the primary source can send (specific requested changes; any changes; as defined by source).

VerificationResult_Validator -

Describes validation requirements, source(s), status and dates for one or more elements.

id (optional)

String A sequence of Unicode characters

extension (optional)

array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

array[Extension]

May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element’s descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of
Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

organization

- Reference

identityCertificate (optional)

- String A sequence of Unicode characters

identityCertificate (optional)

attestationSignature (optional)

Signature

VisionPrescription -

An authorization for the provision of glasses and/or contact lenses to a patient.

resourceType

- oas_any_type_not_mapped This is a VisionPrescription resource

id (optional)

- String Any combination of letters, numerals, "-" and "." with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive.

meta (optional)

- Meta

implicitRules (optional)

- String String of characters used to identify a name or a resource

implicitRules (optional)

language (optional)

- String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

language (optional)

- Element

text (optional)

- Narrative

contained (optional)

- array[ResourceList] These resources do not have an independent existence apart from the resource that contains them - they cannot be identified independently, and nor can they have their own independent transaction scope.

extension (optional)

- array[Extension] May be used to represent additional information that is not part of the basic definition of the resource. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

- array[Extension]

May be used to represent additional information that is not part of the basic definition of the resource and that modifies the understanding of the element that contains it and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer is allowed to define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).
identifier (optional)  
array[Identifier] A unique identifier assigned to this vision prescription.

status (optional)  
String A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents

_created (optional)  
Element 

patient  
Reference 

encounter (optional)  
Reference 

dateWritten (optional)  
String A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates.

_dateWritten (optional)  
Element 

prescriber  
Reference 

lensSpecification  
array[VisionPrescription_LensSpecification] Contain the details of the individual lens specifications and serves as the authorization for the fullfillment by certified professionals.

VisionPrescription_LensSpecification -  
An authorization for the provision of glasses and/or contact lenses to a patient.

id (optional)  
String A sequence of Unicode characters

element (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)  
array[Extension] May be used to represent additional information that is not part of the basic definition of the element and that modifies the understanding of the element in which it is contained and/or the understanding of the containing element's descendants. Usually modifier elements provide negation or qualification. To make the use of extensions safe and manageable, there is a strict set of governance applied to the definition and use of extensions. Though any implementer can define an extension, there is a set of requirements that SHALL be met as part of the definition of the extension. Applications processing a resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource (including cannot change the meaning of modifierExtension itself).

product  
CodeableConcept 
eye (optional)
**String** The eye for which the lens specification applies.

| Enum | left |

_**eye** (optional)

**Element**

**sphere** (optional)

**BigDecimal** A rational number with implicit precision

_**sphere** (optional)

**Element**

cylinder (optional)

**BigDecimal** A rational number with implicit precision

_**cylinder** (optional)

**Element**

axis (optional)

**BigDecimal** A whole number

_**axis** (optional)

**Element**

prism (optional)

**array[VisionPrescription_Prism]** Allows for adjustment on two axis.

add (optional)

**BigDecimal** A rational number with implicit precision

_**add** (optional)

**Element**

power (optional)

**BigDecimal** A rational number with implicit precision

_**power** (optional)

**Element**

backCurve (optional)

**BigDecimal** A rational number with implicit precision

_**backCurve** (optional)

**Element**

diameter (optional)

**BigDecimal** A rational number with implicit precision

_**diameter** (optional)

**Element**

duration (optional)

**Quantity**

color (optional)

**String** A sequence of Unicode characters

_**color** (optional)

**Element**

brand (optional)

**String** A sequence of Unicode characters

_**brand** (optional)

**Element**

note (optional)

**array[Annotation]** Notes for special requirements such as coatings and lens materials.
extension (optional)

`array[Extension]` May be used to represent additional information that is not part of the basic
definition of the element. To make the use of extensions safe and manageable, there is a strict set of
governance applied to the definition and use of extensions. Though any implementer can define an
extension, there is a set of requirements that SHALL be met as part of the definition of the extension.

modifierExtension (optional)

`array[Extension]`

May be used to represent additional information that is not part of the basic definition of the element
and that modifies the understanding of the element in which it is contained and/or the understanding
of the containing element’s descendants. Usually modifier elements provide negation or qualification.
To make the use of extensions safe and manageable, there is a strict set of governance applied to the
definition and use of extensions. Though any implementer can define an extension, there is a set of
requirements that SHALL be met as part of the definition of the extension. Applications processing a
resource are required to check for modifier extensions.

Modifier extensions SHALL NOT change the meaning of any elements on Resource or DomainResource
(including cannot change the meaning of modifierExtension itself).

amount (optional)

`BigDecimal` A rational number with implicit precision

_amount (optional)

`Element`

base (optional)

`String` The relative base, or reference lens edge, for the prism.

Enum:

- `up`
- `down`
- `in`
- `out`

_base (optional)

`Element`
1 Terms of Use

1.1 API Usage Terms & Conditions

By accessing or using our APIs, you are agreeing to the terms below. If there is a conflict between these terms and additional terms provided by us, the additional terms will control for that conflict. Collectively, we refer to the terms below, any additional terms, terms within the accompanying API documentation, and any applicable policies and guidelines as the "Terms." You agree to comply with the Terms and that the Terms control your relationship with us. So please read all the Terms carefully.

Under the Terms (please refer to 45 CFR § 170.404 overall with notes below referencing specific sections of the regulation), "CliniComp" means CliniComp International, Inc., a Delaware corporation with its principal place of business at 9655 Towne Centre Drive, San Diego, California, U.S.A. We may refer to "CliniComp" as "we", "our", or "us" in the Terms. Except as exigent circumstances require, prior to making changes to our certified API technology or to the terms and conditions thereof, we will provide notice and a reasonable opportunity for API Information Sources and API Users to update their applications to preserve compatibility with our certified API technology and to comply with applicable terms and conditions (section (a) 4 (iii)).

1.2 Account and Registration

1.2.1 Accepting the Terms

You may not use the APIs and may not accept the Terms if (a) you are not of legal age to form a binding contract with CliniComp, or (b) you are a person barred from using or receiving the APIs under the applicable laws of the United States or other countries including the country in which you are resident or from which you use the APIs.

1.2.2 Registration

In order to access certain APIs you will be required to comply with the API Terms of Use (see Appendix) and provide certain information (such as identification or contact details) as part of the registration process for the APIs, or as part of your continued use of the APIs. The registration information given to CliniComp will remain up to date, and you agree to inform CliniComp promptly of any updates. Registration documentation will be used to verify the authenticity of API users (see (section (a) (2) (ii) (A) (5) and (b) (1))). In order to register, a letter needs to be sent to CliniComp addressed as follows:

CliniComp, Intl
Attention: Marketing Department
9655 Towne Centre Drive
San Diego 92121
1.2.3 Fees

There are currently no fees associated with the use of our APIs. CliniComp reserves the right to implement permitted fees in the future, including costs associated with development, deployment, and upgrades; usage costs; and value add services (see (section (a) (2) (ii) (A)). Detailed records of these fees would be kept, including the methodologies for how to calculate the fees and specific costs to which such fees are attributed (see (section (a) (3) (i) (A) and (C)).

CliniComp reserves the right to charge permitted fees, if required, to be discussed on a case by case basis and in accordance with § 171.302.

CliniComp will not charge any fees prohibited by the Office of the National Coordinator for Health Information Technology (ONC), including:

- costs associated with intangible assets other than actual development or acquisition of such assets;
- opportunity costs unrelated to the access, exchange, or use of electronic health information; or
- costs that led to the creation of intellectual property if the actor charged a royalty for that intellectual property pursuant to § 171.303 and that royalty included the development costs for the creation of the intellectual property.

1.3 Using Our APIs

1.3.1 Your End-Users

You will require your end-users to comply with (and not knowingly enable them to violate) applicable law, regulation, and the Terms.

1.4 Compliance with Law, Third-Party Rights, and Other CliniComp Terms of Service

You will comply with all applicable law, regulations, and third-party rights (including without limitation laws regarding the import or export of data or software, privacy, and local laws). You will not use the APIs to encourage or promote illegal activity or violation of third-party rights. You will not violate any other terms of service with CliniComp (or its affiliates).

1.4.1 Permitted Access

Openness and pro-competitive conditions: Upon registering, CliniComp will grant an API Information Source the independent ability to permit an API User to interact with the certified API technology deployed by the API Information Source (see (section (a) (4)).

CliniComp will grant all rights that may be reasonably necessary to access and use our API technology in a production environment; develop products and services that are designed to interact with our API; and market, offer, and distribute products and services associated with our API. We agree to provide all support and other services reasonably necessary to enable the effective
development and use of certified API technology by in production environments and to make reasonable efforts to maintain the compatibility of our certified API technology to avoid disruption of its use in production environments (see section (a) (4) (ii)).

CliniComp will provide their certified API technology to an API Information Source on terms that are no less favorable than what CliniComp provides itself and its own customers, suppliers, partners, and other persons with whom CliniComp has a business relationship. CliniComp will not condition the receipt of the aforementioned rights on (see section (a) (4) (ii) (B)):

- receiving a fee, including not limited to a license fee, royalty, or revenue-sharing arrangement;
- agreeing to not compete with the Certified API developer in any product, service, or market;
- agreeing to deal exclusively with the Certified API Developer in any product, service, or market;
- obtaining additional licenses, products, or services that are not related to or can be unbundled from our API;
- licensing, granting, assigning, or transferring any intellectual property to CliniComp;
- meeting any CliniComp-specific testing or certification requirements; or
- providing CliniComp or their API technology with reciprocal access to application data.

You will only access (or attempt to access) an API by the means described in the documentation of that API. If we assign you developer credentials (e.g., client IDs), you must use them with the applicable APIs. You will not misrepresent or mask either your identity or your API Client’s identity when using the APIs or developer accounts.

We agree to provide access to our certified API technology in a non-discriminatory fashion, including (see section (a) (4) (i)):

- providing the API technology on terms that are no less favorable than those provided to ourselves, our customers, suppliers, partners, and other persons with whom we have a business relationship;
- basing our API terms on objective and verifiable criteria that are uniformly applied to all substantially similar or similarly situated classes of persons and requests; or
- not offering different terms or services based on whether a competitive relationship exists or would be created or on the revenue or other value that another party may receive from using the API technology.

1.4.2 API Limitations

CliniComp sets and enforces limits on your use of the APIs (e.g., limiting the number of API requests that you may make or the number of users you may serve), in our sole discretion. You agree to and will not attempt to circumvent such limitations documented with each API. If you would like to use any API beyond these limits, you must obtain CliniComp’s express consent (and CliniComp may decline such request or condition acceptance on your agreement to additional terms and/or charges.
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for that use). To seek such approval, contact the relevant CliniComp API team for information (CliniComp Support at 800-350-8202. Contact CliniComp, Intl by mail at 9655 Towne Centre Dr, San Diego, CA 92121).

1.4.3 Feedback
If you provide feedback or suggestions about our APIs, then we (and those we allow) may use such information without obligation to you.

1.5 API Clients

1.5.1 API Clients and Monitoring
The APIs are designed to help you enhance CliniComp’s client applications. YOU AGREE THAT CLINICOMP MAY MONITOR USE OF THE APIs TO ENSURE QUALITY, IMPROVE CLINICOMP PRODUCTS AND SERVICES, AND VERIFY YOUR COMPLIANCE WITH THE TERMS. This monitoring may include CliniComp accessing and using your API Client to identify security issues that could affect CliniComp or its users. You will not interfere with this monitoring. CliniComp may use any technical means to overcome such interference. CliniComp may suspend access to the APIs by you or your API Client without notice if we reasonably believe that you are in violation of the Terms.

1.5.2 Security
You will use commercially reasonable efforts to protect user information collected by your API Client, including personally identifiable information ("PII"), from unauthorized access or use and will promptly report to your users any unauthorized access or use of such information to the extent required by applicable law.

1.5.3 Ownership
CliniComp does not acquire ownership rights of API Clients information, and by using our APIs, you do not acquire ownership of any rights in our APIs or the content that is accessed through our APIs.

1.6 Prohibitions and Confidentiality

1.6.1 API Prohibitions
When using the APIs, you may not (or allow those acting on your behalf to):

1. Sublicense an API for use by a third party. Consequently, you will not create an API Client that functions substantially the same as the APIs and offer it for use by third parties.

2. Perform an action with the intent of introducing to CliniComp products and services any viruses, worms, defects, Trojan horses, malware, or any items of a destructive nature.

3. Defame, abuse, harass, stalk, or threaten others.

4. Interfere with, overburden, or disrupt the APIs or the servers or networks providing the APIs.
5. Promote or facilitate unlawful online gambling or disruptive commercial messages or advertisements.

6. Remove, obscure, or alter any CliniComp terms of service or any links to or notices of those terms.

Unless otherwise specified in writing by us, CliniComp does not intend use of the APIs to create obligations under the Health Insurance Portability and Accountability Act, as amended ("HIPAA"), and makes no representations that the APIs satisfy HIPAA requirements. If you are (or become) a “covered entity” or “business associate” as defined in HIPAA, you will not use the APIs for any purpose or in any manner involving transmitting protected health information to CliniComp unless you have received prior written consent to such use from us.

1.6.2 Confidential Matters

1. Developer credentials (such as passwords, keys, and client IDs) are intended to be used by you and identify your API Client. You will keep your credentials confidential and make reasonable efforts to prevent and discourage other API Clients from using your credentials. Developer credentials may not be embedded in open source projects.

2. Our communications to you and our APIs may contain CliniComp confidential information. CliniComp confidential information includes any materials, communications, and information that are marked confidential or that would normally be considered confidential under the circumstances. If you receive any such information, then you will not disclose it to any third party without our prior written consent. CliniComp confidential information does not include information that you independently developed, that was rightfully given to you by a third party without confidentiality obligation, or that becomes public through no fault of your own.

1.7 Content

1.7.1 Content Accessible Through Our APIs

Our APIs contain some third-party content (such as text, images, videos, audio, or software). This content is the sole responsibility of the person that makes it available. We may sometimes review content to determine whether it is illegal or violates our policies or the Terms, and we may remove or refuse to display content. Finally, content accessible through our APIs may be subject to intellectual property rights or additional licensing requirements, and, if so, you may not use it unless you are licensed to do so by the owner of that content or are otherwise permitted by law. Your access to the content provided by the API may be restricted, limited, or filtered in accordance with applicable law, regulation, and policy.

1.7.2 Prohibitions on Content

Unless expressly permitted by the content owner or by applicable law, you will not, and will not permit your end users or others acting on your behalf to, do the following with content returned from the APIs:

1. Scrape, build databases, or otherwise create permanent copies of such content, or keep cached copies longer than permitted by the cache header;
2. Copy, translate, modify, create a derivative work of, sell, lease, lend, convey, distribute, publicly display, or sublicense to any third party;

3. Misrepresent the source or ownership; or

4. Remove, obscure, or alter any copyright, trademark, or other proprietary rights notices; or falsify or delete any author attributions, legal notices, or other labels of the origin or source of material.

1.8 Brand Features; Attribution

1.8.1 Brand Features

"Brand Features" is defined as the trade names, trademarks, service marks, logos, domain names, and other distinctive brand features of each party. Except where expressly stated, the Terms do not grant either party any right, title, or interest in or to the other party’s Brand Features. All use by you of CliniComp’s Brand Features (including any goodwill associated therewith) will inure to the benefit of CliniComp.

1.8.2 Attribution

You agree to display any attribution(s) required by CliniComp as described in the documentation for the API. CliniComp hereby grants to you a nontransferable, nonsublicensable, nonexclusive license while the Terms are in effect to display our Brand Features for the purpose of promoting or advertising that you use the APIs. You must only use our Brand Features in accordance with the Terms and for the purpose of fulfilling your obligations under this Section. You understand and agree that we have the sole discretion to determine whether your attribution(s) and use of our Brand Features are in accordance with the above requirements and guidelines.

1.8.3 Publicity

You will not make any statement regarding your use of an API which suggests partnership with, sponsorship by, or endorsement by CliniComp without our prior written approval.

1.9 Termination

1.9.1 Termination

You may stop using our APIs at any time with prior notice as described in your user agreement with CliniComp|EHR. Further, upon termination, cease your use of the applicable APIs. CliniComp reserves the right to amend the Terms upon notice to you and to terminate the Terms with you or discontinue the APIs or any portion or feature or your access thereto for any reason and at any time without liability or other obligation to you.

1.9.2 Your Obligations Post-Termination

Upon any termination of the Terms or discontinuation of your access to an API, you will immediately stop using the API, cease all use of the CliniComp Brand Features, and delete any cached or stored content that was permitted by the cache header under the section 6.7 on Content. CliniComp may
independently communicate with any account owner whose account(s) are associated with your API
Client and developer credentials to provide notice of the termination of your right to use an API. In
addition, the obligations of Confidentiality contained in section 6.6 and Indemnification contained in
section 6.10.2, as well as the Limitation of Liability contained in section 6.10.1, will survive the
termination of the Terms.

1.10 Liability & Indemnification

1.10.1 Limitation of Liability

When permitted by law, CliniComp, and CliniComp’s suppliers and distributors, will not be
responsible for loss of profits, revenues, or data, financial losses, or indirect, special, consequential,
exemplary, or punitive damages.

To the extent permitted by law, the total liability of CliniComp, and its suppliers and distributors, for
any claim under the terms, including for any implies warranties, is limited to the amount you paid us
to use the applicable API’s (Or, if we choose, to supplying you the API’s again) during the 6 months
prior to the event giving rise to the liability.

In all cases, CliniComp, and its suppliers and distributors, will not be liable for any expense, loss, or
damage that is not reasonably foreseeable.

1.10.2 Indemnification

Unless prohibited by applicable law, if you are a business, you will defend, indemnify, and hold
harmless CliniComp, and its affiliates, directors, officers, employees, and users, against all liabilities,
damages, losses, costs, fees (including legal fees), and expenses relating to any allegation or third-
party legal proceeding to the extent arising from:

- your misuse or your end user’s misuse of the APIs;
- your violation or your end user’s violation of the Terms; or
- any content or data routed into or used with the APIs by you, those acting on your behalf, or
  your end-users.