

NFVD model API /nfvd

Base URL: /nfvd, **Version:** 4.2.0

Schemes: http

Summary

Tag: 1 - Definitions: General management

Operation	Description
POST /definition	Create a set of artifact and relationship definitions
POST /definition/upload	Create or update a set of artifact and relationship definitions
GET /definition	Get all definitions available
PUT /definition	Update a set of artifact and relationship definitions

Tag: 1.1 - Artifact definitions

Operation	Description
POST /definition/artifact	Create a set of artifact definitions
GET /definition/artifact	Get all artifact definitions matching the given criteria
GET /definition/artifact/{id}	Get artifact definition by id
GET /definition/artifact/{id}/detail	Get artifact definition and its relationships by id
PUT /definition/artifact	Update a set of artifact definitions
PUT /definition/artifact/{id}	Update one single artifact definition
DELETE /definition/artifact	Delete one single artifact definition matching the given criteria
DELETE /definition/artifact/{id}	Delete one single artifact definition by id

Tag: 1.2 - Relationship definitions

Operation	Description
POST /definition/relationship	Create a set of relationship definitions
GET /definition/relationship	Get all relationship definitions matching the given criteria
GET /definition/relationship/{id}	Get relationship definition by id
PUT /definition/relationship	Update a set of relationship definitions

Operation	Description
PUT /definition/relationship/{id}	Update one single relationship definition
DELETE /definition/relationship	Delete one single relationship definition matching the given criteria
DELETE /definition/relationship/{id}	Delete one single relationship definition by id

Tag: 2 - Templates: General management

Operation	Description
POST /template	Create template
POST /template/tree	Create template tree
POST /template/tree/uuid	Create an empty template tree
POST /template/upload	Upload template trees
POST /template/upload/partial	Upload partial trees
GET /template/download	Download template trees by treelds
GET /template/query/elements	Get templates from a date
GET /template/query/elements/recursive	Get templates (recursive)
GET /template/tree	Get template ids by name and type
GET /template/tree/info	Get templates by name and type
GET /template/tree/{id}	Get template by id
PUT /template	Update artifacts and relationships of a template
PUT /template/tree/{id}	Update template tree
PUT /template/tree/{id}/root	Update root artifacts of template
DELETE /template/tree/{id}	Delete template tree
DELETE /template/tree/{id}/cascade	Delete template tree and content
DELETE /template/tree/{id}/{elementId}	Remove artifact or relationship from template tree

Tag: 2.1 - Components

Operation	Description
POST /template/tree/{id}/visibility	Create visibility
GET /template	Get a component
PUT /template/tree/{id}/visibility/{visibility}	Update visibility of template
DELETE /template/tree/{id}/visibility/{visibility}	Delete visibility of template

Tag: 2.2 - Artifact templates

Operation	Description
POST /template/artifact	Create a set of artifact templates
POST /template/artifact/uuid	Create artifact templates with new UUIDs
POST /template/artifact/{id}/{cat}	Create a category value
POST /template/artifact/{id}/{cat}/{att}	Create an attribute
GET /template/artifact	Get all artifact templates matching the given criteria
GET /template/artifact/download	Download all the artifact templates (with pagination)
GET /template/artifact/paginated	Download all the artifact templates with the given parameters (with pagination)
GET /template/artifact/query/children	Get the children artifact templates of a template (one level)
GET /template/artifact/query/children/recursive	Get the children artifact templates of a template (recursive)
GET /template/artifact/query/parameters	Get artifact templates matching the given parameters
GET /template/artifact/query/parents	Get parents of an artifact template (one level)
GET /template/artifact/query/parents/recursive	Get parents of an artifact template (recursive)
GET /template/artifact/query/path	Get an artifact template by path
GET /template/artifact/{id}	Get artifact template by id
GET /template/artifact/{id}/tree	Get tree ids in which the artifact template id belongs to
GET /template/artifact/{id}/{cat}	Get a category
GET /template/artifact/{id}/{cat}/{att}	Get an attribute
PUT /template/artifact	Update one single artifact template
PUT /template/artifact/{id}/{cat}	Update a category
PUT /template/artifact/{id}/{cat}/{att}	Update an attribute
DELETE /template/artifact/{id}	Delete artifact template by id
DELETE /template/artifact/{id}/{cat}	Delete a category
DELETE /template/artifact/{id}/{cat}/{att}	Delete an attribute

Tag: 2.3 - Relationship templates

Operation	Description
POST /template/relationship	Create a relationship template

Operation	Description
POST /template/relationship/{id}/{cat}	Create a category
POST /template/relationship/{id}/{cat}/{att}	Create an attribute
GET /template/relationship	Get a relationship template by parent, child and type
GET /template/relationship/download	Download all relationship templates (paginated)
GET /template/relationship/{id}	Get a relationship template by id
GET /template/relationship/{id}/tree	Get the tree ids belonging to a relationship template
GET /template/relationship/{id}/{cat}	Get a category by category name
GET /template/relationship/{id}/{cat}/{att}	Get an attribute
PUT /template/relationship	Update a relationship template
PUT /template/relationship/{id}/{cat}	Update a category
PUT /template/relationship/{id}/{cat}/{att}	Update an attribute
DELETE /template/relationship	Delete a relationship template by parent, child and type
DELETE /template/relationship/{id}	Delete a relationship template
DELETE /template/relationship/{id}/{cat}	Delete a category
DELETE /template/relationship/{id}/{cat}/{att}	Delete an attribute

Tag: 2.4 - Temporal templates

Operation	Description
POST /template/tree/temporal	Create a temporal template
GET /template/tree/{id}/temporal	Get a temporal template
PUT /template/tree/temporal	Merge a template with a temporal template
PUT /template/tree/temporal/connect	Connect components of the temporal template
DELETE /template/tree/temporal/{templateId}	Delete a template tree from a temporal template

Tag: 3 - Instances: General management

Operation	Description
POST /instance	Create artifact instances and relationships instances
POST /instance/tree	Create instance tree
POST /instance/tree/uuid	Create an empty instance tree

Operation	Description
POST /instance/upload	Upload instance trees
POST /instance/upload/partial	Upload partial instance trees
GET /instance/download	Download instance trees by treeIds
GET /instance/newtree/{id}	Get instance by id
GET /instance/query/elements	Get all instances from a date paginated
GET /instance/query/elements/recursive	Get instances (recursive)
GET /instance/tree	Get instance ids by name and type
GET /instance/tree/info	Get instances by name and type
GET /instance/tree/{id}	Get instance by id
GET /instance/tree/{id}/templates	Get templatesInfo that belong to the instance
GET /instance/tree/{instanceId}/templates/{subTemplateId}	Get template that belong to the instance
PUT /instance	Update artifact instances and relationships instances
PUT /instance/tree/{id}	Update instance
PUT /instance/tree/{id}/root	Update root artifacts of instance
DELETE /instance/synchronization	Delete synchronization table
DELETE /instance/tree/{id}	Delete instance tree
DELETE /instance/tree/{id}/cascade	Delete instance tree and content
DELETE /instance/tree/{id}/{elementId}	Remove artifact or relationship from instance tree

Tag: 3.1 - Artifact instances

Operation	Description
POST /instance/artifact	Create a set of artifact instances
POST /instance/artifact/uuid	Create a set of artifact instances with a new UUID
POST /instance/artifact/{id}/{categoryName}	Create a new category
POST /instance/artifact/{id}/{categoryName}/{attributeName}	Create a new attribute
GET /instance/artifact	Return artifact instance based on artifactDefinition, and exactMatching
GET /instance/artifact/download	Get a list of artifact instances paginated

Operation	Description
GET /instance/artifact/paginated	Return artifact instance paginated based on artifactDefinition, and exactMatching
GET /instance/artifact/query/children	Gets children of an artifact
GET /instance/artifact/query/children/paginated	Gets children of an artifact paginated
GET /instance/artifact/query/children/recursive	Gets children recursively of an artifact
GET /instance/artifact/query/parameters	Return a list of instance artifacts that match miscellaneous parameters
GET /instance/artifact/query/parents	Gets parents of an artifact
GET /instance/artifact/query/parents/paginated	Gets parents of an artifact paginated
GET /instance/artifact/query/parents/recursive	Gets parents recursively of an artifact
GET /instance/artifact/query/path	Gets an artifact instance by path
GET /instance/artifact/{id}	Get artifact instance by id
GET /instance/artifact/{id}/tree	Get tree ids in which the artifact instance id belongs to
GET /instance/artifact/{id}/{categoryName}	Return an artifact instance category
GET /instance/artifact/{id}/{categoryName}/{attributeName}	Return an artifact instance attribute
PUT /instance/artifact	Update a set of artifact instances
PUT /instance/artifact/{id}/{categoryName}	Updates an existing category
PUT /instance/artifact/{id}/{categoryName}/{attributeName}	Updates an existing attribute
DELETE /instance/artifact/{id}	Delete one single artifact instance by id
DELETE /instance/artifact/{id}/{categoryName}	Delete one single category
DELETE /instance/artifact/{id}/{categoryName}/{attributeName}	Delete one single attribute

Tag: 3.2 - Relationship instances

Operation	Description
POST /instance/relationship	Create a relationship instances
POST /instance/relationship/{id}/{categoryName}	Create a category
POST /instance/relationship/{id}/{categoryName}/{attributeName}	Create an attribute

Operation	Description
GET /instance/relationship	Get a relationship instance by parent, child and type
GET /instance/relationship/download	Download all relationship instances (paginated)
GET /instance/relationship/{id}	Get a relationship instance by id
GET /instance/relationship/{id}/tree	Get the tree ids belonging to a relationship instance
GET /instance/relationship/{id}/{categoryName}	Get a category by category name
GET /instance/relationship/{id}/{categoryName}/{attributeName}	Get an attribute
PUT /instance/relationship	Update a relationship instances
PUT /instance/relationship/{id}/{categoryName}	Update a category
PUT /instance/relationship/{id}/{categoryName}/{attributeName}	Update an attribute
DELETE /instance/relationship	Delete a relationship instance by parent, child and type
DELETE /instance/relationship/{id}	Delete a relationship instance
DELETE /instance/relationship/{id}/{categoryName}	Delete a category
DELETE /instance/relationship/{id}/{categoryName}/{attributeName}	Delete an attribute

Tag: 4 - Discovery

Operation	Description
POST /discovery/start	Start discovering datacenters
POST /discovery/start/invalidation	Invalidate a start
POST /discovery/stop	Stop discovering datacenters
POST /discovery/sync	Discovering datacenters
POST /discovery/{datacenterArtifactId}	Create artifact instances and relationship

Operation	Description
POST /discovery/{datacenterArtifactId}/artifact	s instances Create a set of artifact instances
POST /discovery/{datacenterArtifactId}/artifact/upload	Create or update a set of artifact instances
POST /discovery/{datacenterArtifactId}/relationship	Create a relationship instances
POST /discovery/{datacenterArtifactId}/relationship/upload	Create or update a relationship instances
POST /discovery/{datacenterArtifactId}/start	Start discovery, only for the given datacenter
POST /discovery/{datacenterArtifactId}/start/invalidation	Invalidate a start, only for the given datacenter
POST /discovery/{datacenterArtifactId}/stop	Stop discovering datacenters , only for the given datacenter
POST /discovery/{datacenterArtifactId}/upload	Upload artifact instances and relationship s instances
GET /discovery/{datacenterArtifactId}/status	Get the status of a discovery
PUT /discovery/{datacenterArtifactId}	Update artifact instances and relationship s instances

Operation	Description
PUT /discovery/{datacenterArtifactId}/artifact	Update a set of artifact instances
PUT /discovery/{datacenterArtifactId}/artifact/{id}/{categoryName}	Updates an existing category of an artifact instance
PUT /discovery/{datacenterArtifactId}/artifact/{id}/{categoryName}/{attributeName}	Updates an existing attribute of an artifact instance
PUT /discovery/{datacenterArtifactId}/relationship	Update a relationship instances
PUT /discovery/{datacenterArtifactId}/relationship/{id}/{categoryName}	Update a category of the given relationship instance
PUT /discovery/{datacenterArtifactId}/relationship/{id}/{categoryName}/{attributeName}	Update an attribute of the given category of the given relationship instance
DELETE /discovery/{datacenterArtifactId}/artifact/{id}	Delete one single artifact instance by id
DELETE /discovery/{datacenterArtifactId}/relationship	Delete a relationship instance by parent, child and type

Tag: 5 - Operations Management

Operation	Description
POST /operations	Invoke an operation
POST /operations/catalog	Creates a new Operation in Catalog

Operation	Description
POST /operations/catalog/load	Force init initial data
POST /operations/catalog/sosa	Creates a new Operation in SOSA Catalog
GET /operations/catalog	Gets all operations
GET /operations/catalog/sosa	Gets all SOSA operations
GET /operations/{id}	Get operation result
PUT /operations/catalog	Update a catalog operation
PUT /operations/catalog/sosa	Update a catalog operation
DELETE /operations/catalog/sosa/{id}	Deletes a SOSA operation from catalog
DELETE /operations/catalog/{id}	Deletes a operation from catalog

Tag: 6 - Product management

Operation	Description
GET /product	Get info

Tag: 6.1 - Operational modes management

Operation	Description
POST /product/modes	Upload Modes
GET /product/modes	Get Product Modes
GET /product/modes/filtered	Get Product Modes
GET /product/modes/{entityId}	Get instance info
GET /product/modes/{entityId}/children	Get entity children
GET /product/modes/{entityId}/children/{childId}	Get entity child
GET /product/modes/{entityId}/children/{childId}/{artifactId}	Get artifact from child
GET /product/modes/{entityId}/{artifactId}	Get artifact instance from entity
PUT /product/modes/{entityId}	Update entity

Operation	Description
PUT /product/modes/{entityId}/children/{childId}	Update child entity
PUT /product/modes/{entityId}/children/{childId}/rename	Update name and description
PUT /product/modes/{entityId}/children/{childId}/{artifactId}	Update artifact instance of child entity
PUT /product/modes/{entityId}/children/{childId}/{artifactId}/{categoryName}	Update category
PUT /product/modes/{entityId}/children/{childId}/{artifactId}/{categoryName}/{attributeName}	Update attribute
PUT /product/modes/{entityId}/{artifactId}	Update child entity
PUT /product/modes/{entityId}/{artifactId}/{categoryName}	Update category for an artifact instance
PUT /product/modes/{entityId}/{artifactId}/{categoryName}/{attributeName}	Updating attribute value
DELETE /product/modes/{entityId}	Delete entity
DELETE /product/modes/{entityId}/children/{childId}	Delete child entity

Tag: 6.2 - Template catalog

Operation	Description
POST /product/catalog	Create a template
POST /product/catalog/temporal	Create a template from a temporal template
POST /product/catalog/upload	Upload template tree
POST /product/catalog/{templateId}/attach	Attach template to a resource
POST /product/catalog/{templateId}/detach	Detach template from a resource
GET /product/catalog	Get catalog
GET /product/catalog/download	Download templates
GET /product/catalog/download/{templateId}	Download a template
GET /product/catalog/{templateId}	Get catalog template

Operation	Description
GET /product/catalog/{templateId}/temporal	Get temporal component copy
PUT /product/catalog/temporal	Merge temporal template
PUT /product/catalog/{templateId}	Modify catalog template
DELETE /product/catalog/temporal	Delete a component from a temporal template
DELETE /product/catalog/{templateId}	Connect and disconnect
PATCH /product/catalog/temporal	Connect and disconnect

Tag: 7 - Datacenters

Operation	Description
GET /datacenters/query/cpu	Get CPUs from Datacenters

Paths

Create a set of artifact and relationship definitions

POST /**definition**

Tags: [1 - Definitions: General management](#)

Create a set of artifact and relationship definitions

Artifact/relationship definitions set

[definitions](#)

X-Auth-Token_{Authentication token}_{headerstring}

200 OK

Artifact and relationship definitions successfully created

[definitions](#)

400 Bad Request

Bad request, check artifact/relationship definition format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Some artifact/relationship definitions already exist

500 Internal Server Error

Internal server error

Create or update a set of artifact and relationship definitions

POST /**definition/upload**

Tags: [1 - Definitions: General management](#)

Create or update a set of artifact and relationship definitions

Artifact/relationship definitions set
[definitions](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Artifact and relationship definitions successfully created/modified
[definitions](#)

400 Bad Request

Bad request, check artifact/relationship definition format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Some artifact/relationship definitions were already in used and cannot be modified

500 Internal Server Error

Internal server error

Get all definitions available

GET /definition

Tags: 1 - [Definitions: General management](#)

Get all definitions available

X-Auth-Token Authentication token *headerstring*

200 OK

Definitions successfully obtained
[definitions](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Update a set of artifact and relationship definitions

PUT /definition

Tags: 1 - [Definitions: General management](#)

Upadte a set of artifact and relationship definitions

Artifact/relationship definitions set
[definitions](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Artifact and relationship definitions successfully modified
[definitions](#)

400 Bad Request

Bad request, check artifact/relationship definition format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Some artifact/relationship definitions do not exist

500 Internal Server Error

Internal server error

Create a set of artifact definitions

POST **/definition/artifact**

Tags: [1.1 - Artifact definitions](#)

Create a set of artifact definitions

Artifact definitions set

[artifact-definitions](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Artifact definitions successfully created

[artifact-definitions](#)

400 Bad Request

Bad request, check artifact definition format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Some artifact definitions already exist

500 Internal Server Error

Internal server error

Get all artifact definitions matching the given criteria

GET **/definition/artifact**

Tags: [1.1 - Artifact definitions](#)

Get all artifact definitions matching the given criteria

family	Artifact definition family. If not provided, all artifact definitions will be returned	query <i>string</i>
category	Artifact definition category	query <i>string</i>
group	Artifact definition group	query <i>string</i>
type	Artifact definition type	query <i>string</i>
subtype	Artifact definition subtype	query <i>string</i>

Flag to determine if the artifact should match to given exact definition
exactMatching *boolean*
query *true*
X-Auth-Token Authentication token
header *string*

200 OK
Artifact definitions successfully obtained
[artifact-definitions](#)

400 Bad Request
Bad request, check input parameters. Are they well formed?

403 Forbidden
Authentication error. Is token missing?

500 Internal Server Error
Internal server error

Get artifact definition by id
GET **/definition/artifact/{id}**
Tags: [1.1 - Artifact definitions](#)
Get artifact definition by id

id Internal artifact definition id
path *string*

X-Auth-Token Authentication token
header *string*

200 OK
Artifact definition successfully obtained
[artifact-definition](#)

400 Bad Request
Bad request, check input parameters. Are they well formed?

403 Forbidden
Authentication error. Is token missing?

404 Not Found
Artifact definition not found

500 Internal Server Error
Internal server error

Get artifact definition and its relationships by id
GET **/definition/artifact/{id}/detail**
Tags: [1.1 - Artifact definitions](#)
Get artifact definition and its relationships by id

id Internal artifact definition id
path *string*

X-Auth-Token Authentication token
header *string*

200 OK
Artifact definition detail successfully obtained
[definitions](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact definition not found

500 Internal Server Error

Internal server error

Update a set of artifact definitions

PUT **/definition/artifact**

Tags: [1.1 - Artifact definitions](#)

Update a set of artifact definitions

Artifact definitions set

[artifact-definitions](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Artifact definitions successfully updated

[artifact-definitions](#)

400 Bad Request

Bad request, check artifact definitions format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Some artifact definitions do not exist

500 Internal Server Error

Internal server error

Update one single artifact definition

PUT **/definition/artifact/{id}**

Tags: [1.1 - Artifact definitions](#)

Update one single artifact definition

Artifact definition

[artifact-definition](#)

id Internal artifact definition id *path string*

X-Auth-Token Authentication token *headerstring*

200 OK

Artifact definition successfully updated

artifact-definition

400 Bad Request

Bad request, check artifact definition format. Is it well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact definition does not exist

500 Internal Server Error

Internal server error

Delete one single artifact definition matching the given criteria

DELETE /**definition/artifact**

Tags: [1.1 - Artifact definitions](#)

Delete one single artifact definition matching the given criteria

family	Artifact definition family. If not provided, all artifact definitions will be returned	query <i>string</i>
category	Artifact definition category	query <i>string</i>
group	Artifact definition group	query <i>string</i>
type	Artifact definition type	query <i>string</i>
subtype	Artifact definition subtype	query <i>string</i>
X-Auth-Token	Authentication token	header <i>string</i>

204 No Content

Artifact definitions successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact definition matching the giving criteria does not exist

409 Conflict

More than one artifact definition found/There are instances or templates created from that definition

500 Internal Server Error

Internal server error

Delete one single artifact definition by id

DELETE /**definition/artifact/{id}**

Tags: [1.1 - Artifact definitions](#)

Delete one single artifact definition by id

id	Internal artifact definition id	path <i>string</i>
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X-Auth-Token	Authentication token	header <i>string</i>
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204 No Content

Artifact definition successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact definition does not exist

500 Internal Server Error

Internal server error

Create a set of relationship definitions

POST /**definition/relationship**

Tags: [1.2 - Relationship definitions](#)

Create a set of relationship definitions

Relationship definitions set

[relationship-definitions](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Relationship definitions successfully created

[relationship-definitions](#)

400 Bad Request

Bad request, check relationship definitions format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Some relationship definitions already exist

500 Internal Server Error

Internal server error

Get all relationship definitions matching the given criteria

GET /**definition/relationship**

Tags: [1.2 - Relationship definitions](#)

Get all relationship definitions matching the given criteria

parentFamily	Parent artifact definition family. If not provided, there will not be any constraint taken from the parent artifact	query <i>string</i>
parentCategory	Parent artifact definition category	query <i>string</i>
parentGroup	Parent artifact definition group	query <i>string</i>
parentType	Parent artifact definition type	query <i>string</i>
parentSubtype	Parent artifact definition subtype	query <i>string</i>
childFamily	Child artifact definition family. If not provided, there will not be any constraint taken from the child artifact	query <i>string</i>
childCategory	Child artifact definition category	query <i>string</i>

childGroup	Child artifact definition group	query	string
childType	Child artifact definition type	query	string
childSubtype	Child artifact definition subtype	query	string
relationshipType	Relationship type that applies to the given artifacts. If not provided, there will not be any constraint related to relationship type	query	string
exactMatching	Flag to determine whether either parent or child artifact definition should match to given exact definition	query	boolean true
X-Auth-Token	Authentication token	header	string

200 OK

Relationship definitions successfully obtained

[relationship-definitions](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get relationship definition by id

GET **/definition/relationship/{id}**

Tags: [1.2 - Relationship definitions](#)

Get artifact relationship by id

id	Internal artifact definition id	path	string
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X-Auth-Token	Authentication token	header	string
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200 OK

Relationship definition successfully obtained

[relationship-definition](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship definition not found

500 Internal Server Error

Internal server error

Update a set of relationship definitions

PUT **/definition/relationship**

Tags: [1.2 - Relationship definitions](#)

Update a set of relationship definitions

Relationship definitions set

[relationship-definitions](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Relationship definitions successfully updated

[relationship-definitions](#)

400 Bad Request

Bad request, check relationship definitions format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Some relationship definitions do not exist

500 Internal Server Error

Internal server error

Update one single relationship definition

PUT **/definition/relationship/{id}**

Tags: [1.2 - Relationship definitions](#)

Update one single relationship definition

Relationship definition

[relationship-definition](#)

id Internal relationship definition id *path string*

X-Auth-Token Authentication token *headerstring*

200 OK

Relationship definition successfully updated

[relationship-definition](#)

400 Bad Request

Bad request, check relationship definition format. Is it well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship definition does not exist

500 Internal Server Error

Internal server error

Delete one single relationship definition matching the given criteria

DELETE **/definition/relationship**

Tags: [1.2 - Relationship definitions](#)

Delete one single relationship definition matching the given criteria

parentFamily	Parent artifact definition family	query <i>string</i>
parentCategory	Parent artifact definition category	query <i>string</i>
parentGroup	Parent artifact definition group	query <i>string</i>
parentType	Parent artifact definition type	query <i>string</i>
parentSubtype	Parent artifact definition subtype	query <i>string</i>
childFamily	Child artifact definition family	query <i>string</i>
childCategory	Child artifact definition category	query <i>string</i>
childGroup	Child artifact definition group	query <i>string</i>
childType	Child artifact definition type	query <i>string</i>
childSubtype	Child artifact definition subtype	query <i>string</i>
relationshipType	Relationship type that applies to the given artifacts	query <i>string</i>
X-Auth-Token	Authentication token	header <i>string</i>

204 No Content

Relationship definitions successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship definition matching the given criteria does not exist

409 Conflict

More than one relationship definition found/There are instances or templates created from that definition

500 Internal Server Error

Internal server error

Delete one single relationship definition by id

DELETE /**definition/relationship/{id}**

Tags: [1.2 - Relationship definitions](#)

Delete one single relationship definition by id

id	Internal relationship definition id	path <i>string</i>
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X-Auth-Token	Authentication token	header <i>string</i>
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204 No Content

Relationship definition successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship definition does not exist

500 Internal Server Error

Internal server error

Create template
POST **/template**
Tags: [2 - Templates: General management](#)
Create template

Template to create

[template](#)

X-Auth-Token Authentication token *headerstring*

200 OK
Template successfully created
[template](#)

400 Bad Request
Bad request, check input parameters. Are they well formed?

403 Forbidden
Authentication error. Is token missing?

404 Not Found
Element does not exist

500 Internal Server Error
Internal server error

Create template tree
POST **/template/tree**
Tags: [2 - Templates: General management](#)
Create template tree

Template tree to create

[template](#)

X-Auth-Token Authentication token *headerstring*

200 OK
Template tree successfully created
[template](#)

400 Bad Request
Bad request, check input parameters. Are they well formed?

403 Forbidden
Authentication error. Is token missing?

404 Not Found
Element does not exist

500 Internal Server Error
Internal server error

Create an empty template tree

POST **/template/tree/uuid**

Tags: [2 - Templates: General management](#)

Create new empty template tree with the given name, description and type

name	Template name	query	string
description	Template description	query	string
type	Template type	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Template tree successfully created

[template](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Upload template trees

POST **/template/upload**

Tags: [2 - Templates: General management](#)

Upload template trees

Templates to upload

[templates](#)

X-Auth-Token	Authentication token	header	string
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200 OK

Template trees successfully created

[templates](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Upload partial trees

POST **/template/upload/partial**

Tags: [2 - Templates: General management](#)

Upload partial trees

Templates to partially upload

[templates](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Templates trees successfully created

[templates](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Download template trees by treelds

GET **/template/download**

Tags: [2 - Templates: General management](#)

Download template trees by treelds

tree	Tree ids to download	query <i>string[]</i> , multiple parameters (<i>tree=aaa&tree=bbb</i>)
depth	Maximum depth levels to retrieve	query <i>integer</i> (int32) 10
X-Auth-Token	Authentication token	<i>headerstring</i>

200 OK

Template trees successfully obtained

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get templates from a date

GET **/template/query/elements**

Tags: [2 - Templates: General management](#)

Get templates from a date

from	From date	query <i>string</i>
------	-----------	---------------------

excludeDefinitionDefinitions to	query <i>string[]</i> , multiple parameters
---------------------------------	---

	exclude		(excludeDefinition=aaa&excludeDefinition=bbb)
offset	Pagination offset	query	integer (int32)
items	Templates per page	query	integer (int32) 50
X-Auth-Token	Authentication token	header	string

200 OK

Templates successfully obtained

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get templates (recursive)

GET **/template/query/elements/recursive**

Tags: [2 - Templates: General management](#)

Get templates (recursive)

artifactTemplateId	Artifact template id	query	string
excludeDefinition	Excluded definitions	query	string[], multiple parameters (excludeDefinition=aaa&excludeDefinition=bbb)
X-Auth-Token	Authentication token	header	string

200 OK

Templates successfully obtained

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get template ids by name and type

GET **/template/tree**

Tags: [2 - Templates: General management](#)

Get template ids by name and type

name	Template name	query	string
type	Template type	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Template ids successfully obtained

[uuids](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get templates by name and type

GET **/template/tree/info**

Tags: [2 - Templates: General management](#)

Get templates by name and type

name	Template name	query	string
type	Template type	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Templates successfully obtained

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get template by id

GET **/template/tree/{id}**

Tags: [2 - Templates: General management](#)

Get template by id

id	Template id	path	<i>string</i>
depth	Maximum depth levels to retrieve	query	<i>integer</i> (int32) 10
data	Hints for how to retrieve data	query	<i>string</i> full
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Template successfully obtained

[template](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update artifacts and relationships of a template

PUT **/template**

Tags: [2 - Templates: General management](#)

Update artifacts and relationships of the given template

Template to update

[template](#)

X-Auth-Token	Authentication token	header	<i>string</i>
--------------	----------------------	--------	---------------

200 OK

Template successfully updated

[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update template tree

PUT **/template/tree/{id}**

Tags: [2 - Templates: General management](#)

Update a template tree

Template

template

id Template id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Template successfully updated

[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update root artifacts of template

PUT **/template/tree/{id}/root**

Tags: [2 - Templates: General management](#)

Update root artifacts of template with given root artifacts

id Template to
update path *string*

rootArtifacts Root artifacts query *string[]*, multiple parameters
(**rootArtifacts=aaa&rootArtifacts=bbb**)

X-Auth-Token Authentication
token header *string*

200 OK

Root artifacts of template successfully updated

[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete template tree

DELETE **/template/tree/{id}**

Tags: [2 - Templates: General management](#)

Delete template tree

id Template tree id path *string*

X-Auth-Token Authentication token header *string*

204 No Content

Template tree successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete template tree and content

DELETE /**template/tree/{id}/cascade**

Tags: [2 - Templates: General management](#)

Delete template tree and content

id Template tree id path *string*

X-Auth-Token Authentication token header *string*

204 No Content

Template tree and content successfully deleted

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Remove artifact or relationship from template tree

DELETE /**template/tree/{id}/{elementId}**

Tags: [2 - Templates: General management](#)

Delete artifact or relationship with the given id from template tree

id Template tree id path *string*

elementId Artifact or relationship id path *string*

artifact True if artifact / false if relationship query *boolean* true

X-Auth-Token Authentication token header *string*

204 No Content

Element successfully removed from template tree

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Create visibility

POST **/template/tree/{id}/visibility**

Tags: [2.1 - Components](#)

Visibility defines different scopes, it can be used to select which templates are shown in different designer's palettes

Visibility

[visible](#)

id Template id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Visibility successfully created

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get a component

GET **/template**

Tags: [2.1 - Components](#)

A simple template become a component in those cases where component-info element is defined in the template. We use this tag to define special characteristics for the component.

type Defines the type of the connector query *string[]* , multiple parameters
(*type=aaa&type=bbb*)

visibility Visibilities query *string[]* , multiple parameters
(*visibility=aaa&visibility=bbb*)

includeRoots Include roots artifacts when fetching data query *string* false

X-Auth-Token Authentication token header *string*

200 OK

Templates successfully obtained

[templates](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update visibility of template

PUT **/template/tree/{id}/visibility/{visibility}**

Tags: [2.1 - Components](#)

Visibility defines different scopes, it can be used to select which templates are shown in different designer's palettes

id	Template id	path	<i>string</i>
visibility	Visibility	path	<i>string</i>
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Visibility successfully updated

[visible](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete visibility of template

DELETE **/template/tree/{id}/visibility/{visibility}**

Tags: [2.1 - Components](#)

Visibility defines different scopes, it can be used to select which templates are shown in different designer's palettes

id	Template id	path	<i>string</i>
visibility	Visibility	path	<i>string</i>
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Visibility successfully deleted

[visible](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Create a set of artifact templates

POST **/template/artifact**

Tags: [2.2 - Artifact templates](#)

Create a set of artifact templates

Artifact templates set

[artifact-templates](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Artifact templates successfully created

[artifact-templates](#)

400 Bad Request

Bad request, check artifact template format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Some artifact templates already exist

500 Internal Server Error

Internal server error

Create artifact templates with new UUIDs

POST **/template/artifact/uuid**

Tags: [2.2 - Artifact templates](#)

Create artifact templates with new UUIDs

Artifact templates to create

[artifact-templates](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Artifact templates successfully created

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Create a category value

POST **/template/artifact/{id}/{cat}**

Tags: [2.2 - Artifact templates](#)

Create category value with the given parameters

Category value

[category](#)

id	Internal artifact template id	path	string
cat	Category name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Artifact template successfully created

[artifact-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Create an attribute

POST **/template/artifact/{id}/{cat}/{att}**

Tags: [2.2 - Artifact templates](#)

Create attribute with the given parameters

id	Internal artifact template id	path	string
cat	Category name	path	string
att	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Artifact template successfully created

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get all artifact templates matching the given criteria

GET /template/artifact

Tags: [2.2 - Artifact templates](#)

Get all artifact templates matching the given criteria

family	Artifact template family. If not provided, all artifact templates will be returned	query <i>string</i>
category	Artifact template category. If not provided, all artifact templates will be returned	query <i>string</i>
group	Artifact template group	query <i>string</i>
type	Artifact template type	query <i>string</i>
subtype	Artifact template subtype	query <i>string</i>
exactMatching	Flag to determine if the artifact should match to given exact definition	query <i>boolean</i>
X-Auth-Token	Authentication token	header <i>string</i>

200 OK

Artifact templates successfully obtained

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Download all the artifact templates (with pagination)

GET /template/artifact/download

Tags: [2.2 - Artifact templates](#)

Download all the artifact templates (with pagination)

offset	Pagination offset	query <i>integer</i> (int32)
items	Templates per page	query <i>integer</i> (int32) 50
sort	Sorting expression	query <i>string</i>
X-Auth-Token	Authentication token	header <i>string</i>

200 OK

Artifact templates successfully downloaded

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Download all the artifact templates with the given parameters (with pagination)

GET **/template/artifact/paginated**

Tags: [2.2 - Artifact templates](#)

Download all the artifact templates with the given parameters (with pagination)

family	Template family	query	string
category	Template category	query	string
group	Template group	query	string
type	Template type	query	string
subtype	Template subtype	query	string
exactMatching	Flag to determine if the artifact should match to given exact definition	query	boolean
offset	Pagination offset	query	integer (int32)
items	Templates per page	query	integer (int32)
sort	Sorting expression	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Artifact templates successfully downloaded

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get the children artifact templates of a template (one level)

GET **/template/artifact/query/children**

Tags: [2.2 - Artifact templates](#)

Artifact templates who are children of the artifact template with the given id (one level), reached by the given relationships and matching the definition

id	artifact template id	query	string
relationship	relationships between the artifact templates	query	string[], multiple parameters (relationship=aaa&relationship=bbb)
definition	artifact definition values	query	string[], multiple parameters (definition=aaa&definition=bbb)

X-Auth-Token Authentication token headerstring

200 OK

Artifact templates successfully obtained

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get the children artifact templates of a template (recursive)

GET /template/artifact/query/children/recursive

Tags: [2.2 - Artifact templates](#)

Artifact templates who are children of the artifact template with the given id (recursive), reached by the given relationships and matching the definition

id	artifact template id	query	string
relationshipFilterType	Relationship filter types	query	string
relationship		query	string[], multiple parameters (relationship=aaa&relationship=bbb)
definition	Artifact template values	query	string[], multiple parameters (definition=aaa&definition=bbb)
excludeDefinition	Artifact definitions exclusion values	query	string[], multiple parameters (excludeDefinition=aaa&excludeDefinition=bbb)
X-Auth-Token	Authentication token	header	string

200 OK

Artifact templates successfully obtained

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact templates do not exist

500 Internal Server Error

Internal server error

Get artifact templates matching the given parameters

GET **/template/artifact/query/parameters**

Tags: [2.2 - Artifact templates](#)

Get artifact templates matching the given parameters

definition	Artifact template values	query	<i>string</i>
status	Artifact instance status	query	<i>string[]</i> , multiple parameters (<i>status=aaa&status=bbb</i>)
treeld	Intance tree id	query	<i>string</i>
attributeFilter	Artifact instance status	query	<i>string[]</i> , multiple parameters (<i>attributeFilter=aaa&attributeFilter=bbb</i>)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Artifact templates successfully obtained

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact templates do not exist

500 Internal Server Error

Internal server error

Get parents of an artifact template (one level)

GET **/template/artifact/query/parents**

Tags: [2.2 - Artifact templates](#)

Return a list of artifacts which are parents of an artifact with the given id (one level), reached by the given relationships and matches the definition

id	Internal artifact template id	query	<i>string</i>
relationship	Relationships types	query	<i>string[]</i> , multiple parameters (<i>relationship=aaa&relationship=bbb</i>)
definition	Artifact template values	query	<i>string[]</i> , multiple parameters (<i>definition=aaa&definition=bbb</i>)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Artifact templates successfully obtained

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get parents of an artifact template (recursive)

GET **/template/artifact/query/parents/recursive**

Tags: [2.2 - Artifact templates](#)

Return a list of artifacts which are parents of an artifact with the given id (recursive), reached by the given relationships and matching the definition

id	artifact template id	query	string
relationshipFilterType	Relationship filter types	query	string
relationship	Relationship types	query	string[], multiple parameters (relationship=aaa&relationship=bbb)
definition	Artifact definitions values	query	string[], multiple parameters (definition=aaa&definition=bbb)
excludeDefinition	Artifact definitions exclusion values	query	string[], multiple parameters (excludeDefinition=aaa&excludeDefinition=bbb)
X-Auth-Token	Authentication token	header	string

200 OK

Artifact templates successfully obtained

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get an artifact template by path

GET **/template/artifact/query/path**

Tags: [2.2 - Artifact templates](#)

Get an artifact template by path. The path has this format:

fam:cat:gr:t:st:v@status=active#GENERAL.Name=name>(rel@status=enable)fam:cat:gr:t:st:v2

id	Internal artifact template id	query	string
expression	Path expression	query	string

X-Auth-Token Authentication token headerstring

200 OK

Artifact templates successfully obtained

[artifact-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get artifact template by id

GET **/template/artifact/{id}**

Tags: [2.2 - Artifact templates](#)

Get artifact template by id

id Internal template definition id_path string

X-Auth-Token Authentication token headerstring

200 OK

Artifact template successfully obtained

[artifact-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact template not found

500 Internal Server Error

Internal server error

Get tree ids in which the artifact template id belongs to

GET **/template/artifact/{id}/tree**

Tags: [2.2 - Artifact templates](#)

Get tree ids in which the artifact template id belongs to

id Internal artifact template id_path string

X-Auth-Token Authentication token headerstring

200 OK

Artifact templates successfully obtained

[uuids](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get a category

GET **/template/artifact/{id}/{cat}**

Tags: [2.2 - Artifact templates](#)

Get attribute with given template id and category value

id	Internal artifact template id	path	string
cat	Category name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Category successfully obtained

[category](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get an attribute

GET **/template/artifact/{id}/{cat}/{att}**

Tags: [2.2 - Artifact templates](#)

Get attribute with the given parameters

id	Internal artifact template id	path	string
cat	Category name	path	string
att	Attribute name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Attribute successfully obtained

[attribute](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update one single artifact template

PUT **/template/artifact**

Tags: [2.2 - Artifact templates](#)

Update one single artifact template

Internal artifact template id

[artifact-templates](#)

X-Auth-Token Authentication token
headerstring

200 OK

Artifact templates successfully updated

[artifact-templates](#)

400 Bad Request

Bad request, check artifact template format. Is it well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact templates do not exist

500 Internal Server Error

Internal server error

Update a category

PUT **/template/artifact/{id}/{cat}**

Tags: [2.2 - Artifact templates](#)

Update category with the given parameters

Category value

[category](#)

id Internal artifact template id
path string

cat Category name
path string

X-Auth-Token Authentication token
headerstring

200 OK

Category successfully updated

[artifact-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update an attribute

PUT **/template/artifact/{id}/{cat}/{att}**

Tags: [2.2 - Artifact templates](#)

Update attribute with the given parameters

id	Internal artifact template id	path	string
cat	Category name	path	string
att	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Attribute template successfully updated

[artifact-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete artifact template by id

DELETE **/template/artifact/{id}**

Tags: [2.2 - Artifact templates](#)

Delete artifact template by id

id	Internal artifact template id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Artifact template successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete a category

DELETE **/template/artifact/{id}/{cat}**

Tags: [2.2 - Artifact templates](#)

Delete the category with the given id and category name

id	Internal artifact template id	path	string
cat	Category name	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Category successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete an attribute

DELETE **/template/artifact/{id}/{cat}/{att}**

Tags: [2.2 - Artifact templates](#)

Delete attribute with the given parameters

id	Internal artifact template id	path	string
cat	Category name	path	string
att	Attribute name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Attribute successfully deleted

[artifact-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Create a relationship template

POST **/template/relationship**

Tags: [2.3 - Relationship templates](#)

Create a relationship template

Relationship template

[relationship-templates](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Relationship templates successfully created

[relationship-templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship templates do not exist

500 Internal Server Error

Internal server error

Create a category

POST **/template/relationship/{id}/{cat}**

Tags: [2.3 - Relationship templates](#)

Create an attribute in the given category of the given relationship template, with the given parameters

Category

[category](#)

id Relationship template id *path string*

cat Category name *path string*

X-Auth-Token Authentication token *headerstring*

200 OK

Relationship template successfully created

[relationship-template](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship template do not exist

500 Internal Server Error

Internal server error

Create an attribute

POST **/template/relationship/{id}/{cat}/{att}**

Tags: [2.3 - Relationship templates](#)

Create an attribute in the given relationship template, with the given parameters

id	Relationship template id	path	<i>string</i>
cat	Category name	path	<i>string</i>
att	Attribute name	path	<i>string</i>
value	Attribute value	query	<i>string</i>
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Relationships template successfully created

[relationship-template](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship templates do not exist

500 Internal Server Error

Internal server error

Get a relationship template by parent, child and type

GET **/template/relationship**

Tags: [2.3 - Relationship templates](#)

Get a relationship template by parent, child and type

parentArtifactTemplateId	Parent artifact id	query	<i>string</i>
childArtifactTemplateId	Child artifact id	query	<i>string</i>
relationshipType	Relationship type	query	<i>string</i>
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Relationship template successfully obtained

[relationship-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Download all relationship templates (paginated)

GET **/template/relationship/download**

Tags: [2.3 - Relationship templates](#)

Download all relationship templates (paginated)

offset Pagination offset query *integer* (int32)
items Templates per page query *integer* (int32) 50
sort Sorting expression query *string*
X-Auth-Token Authentication token header *string*

200 OK
Relationship templates successfully obtained
[relationship-templates](#)

403 Forbidden
Authentication error. Is token missing?

404 Not Found
Relationship templates do not exist

500 Internal Server Error
Internal server error

Get a relationship template by id
GET **/template/relationship/{id}**
Tags: [2.3 - Relationship templates](#)
Get a relationship template by id

id Relationship template id path *string*
X-Auth-Token Authentication token header *string*

200 OK
Relationship template successfully obtained
[relationship-template](#)

403 Forbidden
Authentication error. Is token missing?

404 Not Found
Element does not exist

500 Internal Server Error
Internal server error

Get the tree ids belonging to a relationship template
GET **/template/relationship/{id}/tree**
Tags: [2.3 - Relationship templates](#)
Get the tree ids where the given relationship template belongs to

id Relationship template id path *string*
X-Auth-Token Authentication token header *string*

200 OK
Tree ids successfully obtained
[uuids](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get a category by category name

GET **/template/relationship/{id}/{cat}**

Tags: [2.3 - Relationship templates](#)

Get an attribute of the given relationship template, by category name

id	Relationship template id	path	string
cat	Category name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Category successfully obtained

[category](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get an attribute

GET **/template/relationship/{id}/{cat}/{att}**

Tags: [2.3 - Relationship templates](#)

Get an attribute of the given relationship template, by category and attribute name

id	Relationship template id	path	string
cat	Category name	path	string
att	Attribute name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Attribute successfully obtained

[attribute](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update a relationship template
PUT /template/relationship
Tags: [2.3 - Relationship templates](#)
Update a relationship template

Relationship templates

[relationship-templates](#)

X-Auth-Token Authentication token header *string*

200 OK
Relationship templates successfully updated
[relationship-templates](#)

400 Bad Request
Bad request, check input parameters. Are they well formed?

403 Forbidden
Authentication error. Is token missing?

404 Not Found
Relationship templates do not exist

500 Internal Server Error
Internal server error

Update a category
PUT /template/relationship/{id}/{cat}
Tags: [2.3 - Relationship templates](#)
Update a category of the given relationship template

Category

[category](#)

id	Relationship template id	path	<i>string</i>
cat	Category name	path	<i>string</i>
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK
Relationship template successfully updated
[relationship-template](#)

403 Forbidden
Authentication error. Is token missing?

404 Not Found
Element does not exist

500 Internal Server Error
Internal server error

Update an attribute

PUT **/template/relationship/{id}/{cat}/{att}**

Tags: [2.3 - Relationship templates](#)

Update an attribute of the given category of the given relationship template

id	Relationship template id	path	string
cat	Category name	path	string
att	Attribute name	path	string
value	Relationship templates	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Relationship template successfully updated

[relationship-template](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete a relationship template by parent, child and type

DELETE **/template/relationship**

Tags: [2.3 - Relationship templates](#)

Delete a relationship template by parent, child and type

parentArtifactTemplateId	Parent artifact template id	query	string
childArtifactTemplateId	Child artifact template id	query	string
relationshipType	Relationship type	query	string
X-Auth-Token	Authentication token	header	string

204 No Content

Relationship template successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete a relationship template

DELETE **/template/relationship/{id}**

Tags: [2.3 - Relationship templates](#)

Delete a relationship template

id Relationship template id path *string*

X-Auth-Token Authentication token header *string*

204 No Content

Relationship template successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete a category

DELETE /**template/relationship**/{id}/{cat}

Tags: [2.3 - Relationship templates](#)

Delete a category of the given relationship template

id Relationship template id path *string*

cat Category name path *string*

X-Auth-Token Authentication token header *string*

204 No Content

Category successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete an attribute

DELETE /**template/relationship**/{id}/{cat}/{att}

Tags: [2.3 - Relationship templates](#)

Delete an attribute of the given category of the given relationship template

id Relationship template id path *string*

cat Category name path *string*

att Attribute name path *string*

X-Auth-Token Authentication token header *string*

200 OK

Relationship template successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Create a temporal template

POST **/template/tree/temporal**

Tags: [2.4 - Temporal templates](#)

The temporal template is a template that does not exist in the data base. It has been created on the fly. This object is created for being used mainly by the designer.

Temporal template

[temporal-template](#)

overwrite	If Overwrite is false, it will create a new copy with new ids	query	<i>boolean</i>
visibility	Visibility scopes for the new the temporal template	query	<i>string[]</i> , multiple parameters (<i>visibility=aaa&visibility=bbb</i>)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Temporal template successfully created

[templates](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get a temporal template

GET **/template/tree/{id}/temporal**

Tags: [2.4 - Temporal templates](#)

The temporal template is a template that does not exist in the data base. It has been created on the fly. This object is created for being used mainly by the designer.

id	Temporal template id	path	<i>string</i>
visibility	Visibility scopes of the temporal template	query	<i>string[]</i> , multiple parameters (<i>visibility=aaa&visibility=bbb</i>)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Temporal template successfully obtained

[templates](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Merge a template with a temporal template

PUT **/template/tree/temporal**

Tags: [2.4 - Temporal templates](#)

Add the given template as a subtemplate of the given sourceTemplate. The temporal template is a template that does not exist in the data base. It has been created on the fly. This object is created for being used mainly by the designer.

Temporal template

[temporal-template](#)

templateId	Template id	query	<i>string</i>
noConnect	Create relationships automatically	query	<i>boolean</i>
sourceTemplateId	Source template id	query	<i>string</i>
includeConnector	Connector types to include	query	<i>string[]</i> , multiple parameters (<i>includeConnector=aaa&includeConnector=bbb</i>)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Templates successfully merged

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Connect components of the temporal template

PUT **/template/tree/temporal/connect**

Tags: [2.4 - Temporal templates](#)

Connect target components and artifacts in the given component of the given temporal template

Temporal template

[temporal-template](#)

sourceComponentId	Source component id	query	<i>string</i>
sourceArtifactId	Source artifact ids	query	<i>string[]</i> , multiple parameters (sourceArtifactId=aaa&sourceArtifactId=bbb)
pluggedComponentId	Plugged component ids	query	<i>string[]</i> , multiple parameters (pluggedComponentId=aaa&pluggedComponentId=bbb)
pluggedArtifactId	Plugged artifact ids	query	<i>string[]</i> , multiple parameters (pluggedArtifactId=aaa&pluggedArtifactId=bbb)
unpluggedComponentId	Unplugged component ids	query	<i>string[]</i> , multiple parameters (unpluggedComponentId=aaa&unpluggedComponentId=bbb)
unpluggedArtifactId	Unplugged artifact ids	query	<i>string[]</i> , multiple parameters (unpluggedArtifactId=aaa&unpluggedArtifactId=bbb)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Elements successfully connected

[templates](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete a template tree from a temporal template

DELETE /**template/tree/temporal/{templateId}**

Tags: [2.4 - Temporal templates](#)

Delete a template tree from a temporal template

Temporal template

[temporal-template](#)

templateId Template id to delete_path *string*

X-Auth-Token Authentication token_header *string*

200 OK

Template successfully deleted

[templates](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Create artifact instances and relationships instances

POST **/instance**

Tags: [3 - Instances: General management](#)

Create artifact instances and relationships instances

Instance to create

[instance](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Artifact instances and relationships instances successfully created

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Create instance tree

POST **/instance/tree**

Tags: [3 - Instances: General management](#)

Create instance tree

Instance tree to create

[instance](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Instance tree successfully created

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Create an empty instance tree

POST **/instance/tree/uuid**

Tags: [3 - Instances: General management](#)

Create new empty instance tree with the given name, description and type

name	Instance name	query	string
description	Instance description	query	string
type	Instance type	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Instance tree successfully created

[instance](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Upload instance trees

POST **/instance/upload**

Tags: [3 - Instances: General management](#)

Upload instance trees

Instances to upload

[instances](#)

X-Auth-Token	Authentication token	header	string
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200 OK

Instance trees successfully upload

[instance](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Upload partial instance trees

POST **/instance/upload/partial**

Tags: [3 - Instances: General management](#)

Upload partial instance trees

Instances to upload

[instances](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Instance trees successfully upload

[instance](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Download instance trees by treeids

GET **/instance/download**

Tags: [3 - Instances: General management](#)

Download instance trees by treeids

tree Tree ids to download query *string[]*, multiple parameters
(*tree=aaa&tree=bbb*)

depth Maximum depth levels to retrieve query *integer* (int32) 10

X-Auth-Token Authentication token *headerstring*

200 OK

Instance trees successfully obtained

[instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get instance by id

GET **/instance/newtree/{id}**

Tags: [3 - Instances: General management](#)

Get instance by id

id	Instance id	path	<i>string</i>
depth	Maximum depth levels to retrieve	query	<i>integer</i> (int32) 10
data	Hints for how to retrieve data	query	<i>string</i> full
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Instances successfully obtained

[instances](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get all instances from a date paginated

GET **/instance/query/elements**

Tags: [3 - Instances: General management](#)

Get all instances from a date paginated

from	From date	query	<i>string</i>
excludeDefinition	Definitions to exclude	query	<i>string</i> [], multiple parameters (excludeDefinition=aaa&excludeDefinition=bbb)
offset	Pagination offset	query	<i>integer</i> (int32)
items	Instances per page	query	<i>integer</i> (int32) 50
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Instances successfully obtained

[instances](#)

400 Bad Request

Bad request, check from parameter. Is it well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get instances (recursive)

GET **/instance/query/elements/recursive**

Tags: [3 - Instances: General management](#)

Get instances (recursive)

artifactInstanceId	Artifact instance id	query	string
excludeDefinition	Excluded definitions	query	string[], multiple parameters (excludeDefinition=aaa&excludeDefinition=bbb)
X-Auth-Token	Authentication token	header	string

200 OK

Instances successfully obtained

[instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get instance ids by name and type

GET **/instance/tree**

Tags: [3 - Instances: General management](#)

Get instance ids by name and type

name	Instance name	query	string
type	Instance type	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Instance ids successfully obtained

[uuids](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get instances by name and type

GET **/instance/tree/info**

Tags: [3 - Instances: General management](#)

Get instances by name and type

name Instance name query *string*

type Instance type query *string*

X-Auth-Token Authentication token header *string*

200 OK

Instances successfully obtained

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get instance by id

GET **/instance/tree/{id}**

Tags: [3 - Instances: General management](#)

Get instance by id

id Instance id path *string*

depth Maximum depth levels to retrieve query *integer* (int32) 10

data Hints for how to retrieve data query *string* full

X-Auth-Token Authentication token header *string*

200 OK

Instances successfully obtained

[instances](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get templatesInfo that belong to the instance

GET **/instance/tree/{id}/templates**

Tags: [3 - Instances: General management](#)

Get templatesInfo that belong to the instance

id Instance id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Templates successfully obtained

[templates-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get template that belong to the instance

GET **/instance/tree/{instanceId}/templates/{subTemplateId}**

Tags: [3 - Instances: General management](#)

Get template that belong to the instance

instanceId Instance id path *string*

subTemplateId Subtemplate id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Template successfully obtained

[templates-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update artifact instances and relationships instances

PUT **/instance**

Tags: [3 - Instances: General management](#)

Update artifact instances and relationships instances

Instance to update

instance

X-Auth-Token Authentication token *headerstring*

200 OK

Artifact instances and relationships instances successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update instance

PUT **/instance/tree/{id}**

Tags: [3 - Instances: General management](#)

Update instance

Instance to update

instance

id Instance id path *string*

X-Auth-Token Authentication token *headerstring*

200 OK

Instance successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update root artifacts of instance

PUT **/instance/tree/{id}/root**

Tags: [3 - Instances: General management](#)

Update root artifacts of instance with given root artifacts

id	instance to update	path	<i>string</i>
rootArtifacts	Root artifacts	query	<i>string[]</i> , multiple parameters (<i>rootArtifacts=aaa&rootArtifacts=bbb</i>)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Root artifacts of instance successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete synchronization table

DELETE **/instance/synchronization**

Tags: [3 - Instances: General management](#)

Delete synchronization table

X-Auth-Token Authentication token header *string*

204 No Content

Delete synchronization table

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Delete instance tree

DELETE **/instance/tree/{id}**

Tags: [3 - Instances: General management](#)

Delete instance tree

id Instance id to delete path *string*

X-Auth-Token Authentication token header *string*

204 No Content

Instance tree successfully deleted

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete instance tree and content

DELETE **/instance/tree/{id}/cascade**

Tags: [3 - Instances: General management](#)

Delete instance tree and content

id Instance id to delete path *string*

X-Auth-Token Authentication token header *string*

204 No Content

Instance tree and content successfully deleted

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Remove artifact or relationship from instance tree

DELETE **/instance/tree/{id}/{elementId}**

Tags: [3 - Instances: General management](#)

Delete artifact or relationship with the given id from instance tree

id Instance tree id path *string*

elementId Artifact or relationship id path *string*

artifact True if artifact / false if relationship query *boolean true*

X-Auth-Token Authentication token header *string*

204 No Content

Element successfully removed from instance tree

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Create a set of artifact instances

POST **/instance/artifact**

Tags: [3.1 - Artifact instances](#)

Create a set of artifact instances

Artifact instances set

[artifact-instances](#)

X-Auth-Token Authentication token header *string*

200 OK

Artifact instances successfully created

[artifact-instances](#)

400 Bad Request

Bad request, check artifact instance format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Some artifact instance already exist

500 Internal Server Error

Internal server error

Create a set of artifact instances with a new UUID

POST **/instance/artifact/uuid**

Tags: [3.1 - Artifact instances](#)

Create a set of artifact instances with a new UUID

Artifact instances set

[artifact-instances](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Artifact instances successfully created

[artifact-instances](#)

400 Bad Request

Bad request, check artifact instance format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Create a new category

POST **/instance/artifact/{id}/{categoryName}**

Tags: [3.1 - Artifact instances](#)

Create a new category

Category

[category](#)

id Internal artifact instance id *path string*

categoryName Category name *path string*

X-Auth-Token Authentication token *headerstring*

200 OK

Category successfully created

[artifact-instance](#)

400 Bad Request

Bad request, check input parameter. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance or category or attribute not found

409 Conflict

Category already exist

500 Internal Server Error

Internal server error

Create a new attribute

POST **/instance/artifact/{id}/{categoryName}/{attributeName}**

Tags: [3.1 - Artifact instances](#)

Create a new attribute

id	Internal artifact instance id	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Attribute successfully created

[artifact-instance](#)

400 Bad Request

Bad request, check input parameter. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance or category or attribute not found

500 Internal Server Error

Internal server error

Return artifact instance based on artifactDefinition, and exactMatching

GET **/instance/artifact**

Tags: [3.1 - Artifact instances](#)

Return artifact instance based on artifactDefinition, and exactMatching

family	Artifact instance family. If not provided, all artifact instances will be returned	query	string
category	Artifact instance category	query	string
group	Artifact instance group	query	string
type	Artifact instance type	query	string

subtype	Artifact instance subtype	query	<i>string</i>
exactMatching	Flag to determine if the artifact should match to given exact instance	query	<i>boolean</i>
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get a list of artifact instances paginated

GET **/instance/artifact/download**

Tags: [3.1 - Artifact instances](#)

Get a list of artifact instances paginated

offset	Pagination offset	query	<i>integer</i> (int32)
items	Pagination items	query	<i>integer</i> (int32) 50
sort	Sorting expresion	query	<i>string</i>
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

X-Link-Last	Link for the last page	<i>string</i>
X-Link-Self	Link for the current page	<i>string</i>
X-Link-Next	Link for the next page	<i>string</i>
X-Link-Prev	Link for the previous page	<i>string</i>
X-Total-Count	Total count of items	<i>string</i>

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Return artifact instance paginated based on artifactDefinition, and exactMatching

GET **/instance/artifact/paginated**

Tags: [3.1 - Artifact instances](#)

Return artifact instance paginated based on artifactDefinition, and exactMatching

family	Artifact instance family. If not provided, all artifact instances will be returned	query <i>string</i>
category	Artifact instance category	query <i>string</i>
group	Artifact instance group	query <i>string</i>
type	Artifact instance type	query <i>string</i>
subtype	Artifact instance subtype	query <i>string</i>
exactMatching	Flag to determine if the artifact should match to given exact instance	query <i>boolean</i>
offset	Pagination offset	query <i>integer</i> (int32)
items	Pagination items	query <i>integer</i> (int32) 50
sort	Sorting expression	query <i>string</i>
X-Auth-Token	Authentication token	header <i>string</i>

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

X-Link-Last	Link for the last page	<i>string</i>
X-Link-Self	Link for the current page	<i>string</i>
X-Link-Next	Link for the next page	<i>string</i>
X-Link-Prev	Link for the previous page	<i>string</i>
X-Total-Count	Total count of items	<i>string</i>

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Gets children of an artifact

GET **/instance/artifact/query/children**

Tags: [3.1 - Artifact instances](#)

Return a list of artifacts which are children of an artifact with the given id, reached by the given relationships and matches the definition

id	Internal artifact instance id	query <i>string</i>
relationship	Relationship types	query <i>string[]</i> , multiple parameters (<i>relationship=aaa&relationship=bbb</i>)
definition	Artifact definitions values	query <i>string[]</i> , multiple parameters (<i>definition=aaa&definition=bbb</i>)
X-Auth-Token	Authentication token	header <i>string</i>

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Gets children of an artifact paginated

GET **/instance/artifact/query/children/paginated**

Tags: [3.1 - Artifact instances](#)

Return a list of artifacts paginated which are children of an artifact with the given id, reached by the given relationships and matches the definition

id	Internal artifact instance id	query	<i>string</i>
relationship	Relationship types	query	<i>string[]</i> , multiple parameters (<i>relationship=aaa&relationship=bbb</i>)
definition	Artifact definitions values	query	<i>string[]</i> , multiple parameters (<i>definition=aaa&definition=bbb</i>)
offset	Pagination offset	query	<i>integer</i> (int32)
items	Pagination items	query	<i>integer</i> (int32) 50
sort	Sorting expresion	query	<i>string</i>
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

X-Link-Last	Link for the last page	<i>string</i>
X-Link-Self	Link for the current page	<i>string</i>
X-Link-Next	Link for the next page	<i>string</i>
X-Link-Prev	Link for the previous page	<i>string</i>
X-Total-Count	Total count of items	<i>string</i>

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Gets children recursively of an artifact

GET `/instance/artifact/query/children/recursive`

Tags: [3.1 - Artifact instances](#)

Return a list of artifacts recursively which are children of an artifact with the given id, reached by the given relationships and matches the definition

id	Internal artifact instance id	query	<i>string</i>
relationshipFilterType	Relationship filter types	query	<i>string</i>
relationship	Relationship types	query	<i>string[]</i> , multiple parameters (<code>relationship=aaa&relationship=bbb</code>)
definition	Artifact definitions values	query	<i>string[]</i> , multiple parameters (<code>definition=aaa&definition=bbb</code>)
excludeDefinition	Artifact definitions exclusion values	query	<i>string[]</i> , multiple parameters (<code>excludeDefinition=aaa&excludeDefinition=bbb</code>)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Return a list of instance artifacts that match miscellaneous parameters

GET `/instance/artifact/query/parameters`

Tags: [3.1 - Artifact instances](#)

Return a list of instance artifacts that match miscellaneous parameters

definition	Artifact definitions value	query	<i>string</i>
status	Artifact instance status	query	<i>string[]</i> , multiple parameters (<code>status=aaa&status=bbb</code>)
artifactTemplateId	Artifact template id	query	<i>string</i>
treeld	Instance tree id	query	<i>string</i>
attributeFilter	Artifact instance status	query	<i>string[]</i> , multiple parameters (<code>attributeFilter=aaa&attributeFilter=bbb</code>)
X-Auth-Token	Authentication	header	<i>string</i>

token

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Gets parents of an artifact

GET **/instance/artifact/query/parents**

Tags: [3.1 - Artifact instances](#)

Return a list of artifacts which are parents of an artifact with the given id, reached by the given relationships and matches the definition

id	Internal artifact instance id	query	<i>string</i>
relationship	Relationships types	query	<i>string[]</i> , multiple parameters (<i>relationship=aaa&relationship=bbb</i>)
definition	Artifact definitions values	query	<i>string[]</i> , multiple parameters (<i>definition=aaa&definition=bbb</i>)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Gets parents of an artifact paginated

GET **/instance/artifact/query/parents/paginated**

Tags: [3.1 - Artifact instances](#)

Return a list of artifacts paginated which are parents of an artifact with the given id, reached by the given relationships and matches the definition

id	Internal artifact instance id	query	<i>string</i>
relationship	Relationship types	query	<i>string[]</i> , multiple parameters (<i>relationship=aaa&relationship=bbb</i>)
definition	Artifact definitions	query	<i>string[]</i> , multiple parameters (<i>definition=aaa&definition=bbb</i>)

	values	
offset	Pagination offset	query <i>integer</i> (int32)
items	Pagination items	query <i>integer</i> (int32) 50
sort	Sorting expresion	query <i>string</i>
X-Auth-Token	Authentication token	header <i>string</i>

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

X-Link-Last	Link for the last page	<i>string</i>
X-Link-Self	Link for the current page	<i>string</i>
X-Link-Next	Link for the next page	<i>string</i>
X-Link-Prev	Link for the previous page	<i>string</i>
X-Total-Count	Total count of items	<i>string</i>

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Gets parents recursively of an artifact

GET **/instance/artifact/query/parents/recursive**

Tags: [3.1 - Artifact instances](#)

Return a list of artifacts recursively which are parents of an artifact with the given id, reached by the given relationships and matches the definition

id	Internal artifact instance id	query <i>string</i>
relationshipFilterType	Relationship filter types	query <i>string</i>
relationship	Relationship types	query <i>string[]</i> , multiple parameters (<i>relationship=aaa&relationship=bbb</i>)
definition	Artifact definitions values	query <i>string[]</i> , multiple parameters (<i>definition=aaa&definition=bbb</i>)
excludeDefinition	Artifact definitions exclusion values	query <i>string[]</i> , multiple parameters (<i>excludeDefinition=aaa&excludeDefinition=bbb</i>)
X-Auth-Token	Authentication token	header <i>string</i>

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Gets an artifact instance by path

GET **/instance/artifact/query/path**

Tags: [3.1 - Artifact instances](#)

Gets an artifact instance by path, the path has this format:

fam:cat:gr:t:st:v@status=active#GENERAL.Name=name>(rel@status=enable)fam:cat:gr:t:st:v2

id Internal artifact instance id query *string*

expression Path expression query *string*

X-Auth-Token Authentication token header *string*

200 OK

Artifact instances successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get artifact instance by id

GET **/instance/artifact/{id}**

Tags: [3.1 - Artifact instances](#)

Get artifact instance by id

id Internal artifact instance id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Artifact instance successfully obtained

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal Server Error

Internal server error

Get tree ids in which the artifact instance id belongs to

GET **/instance/artifact/{id}/tree**

Tags: [3.1 - Artifact instances](#)

Get tree ids in which the artifact instance id belongs to

id Internal artifact instance id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Artifact instances successfully obtained

[uuids](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Return an artifact instance category

GET **/instance/artifact/{id}/{categoryName}**

Tags: [3.1 - Artifact instances](#)

Return an artifact instance category

id Internal artifact instance id path *string*

categoryName Category name path *string*

X-Auth-Token Authentication token header *string*

200 OK

Category successfully obtained

[category](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance or category not found

500 Internal Server Error

Internal server error

Return an artifact instance attribute

GET **/instance/artifact/{id}/{categoryName}/{attributeName}**

Tags: [3.1 - Artifact instances](#)

Return an artifact instance attribute

id	Internal artifact instance id	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Attribute successfully obtained

[attribute](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance or Attribute not found

500 Internal Server Error

Internal server error

Update a set of artifact instances

PUT **/instance/artifact**

Tags: [3.1 - Artifact instances](#)

Update a set of artifact instances

Artifact instances set

[artifact-instances](#)

X-Auth-Token	Authentication token	header	string
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200 OK

Artifact instances successfully updated

[artifact-instances](#)

400 Bad Request

Bad request, check artifact instances format. Is it well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance does not exist

500 Internal Server Error

Internal server error

Updates an existing category

PUT **/instance/artifact/{id}/{categoryName}**

Tags: [3.1 - Artifact instances](#)

Updates an existing category

Category

[category](#)

id Internal artifact instance id path *string*

categoryName Category name path *string*

X-Auth-Token Authentication token header *string*

200 OK

Category successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameter. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance or category or attribute not found

500 Internal Server Error

Internal server error

Updates an existing attribute

PUT **/instance/artifact/{id}/{categoryName}/{attributeName}**

Tags: [3.1 - Artifact instances](#)

Updates an existing attribute

id Internal artifact instance id path *string*

categoryName Category name path *string*

attributeName Attribute name path *string*

value Attribute value query *string*

X-Auth-Token Authentication token header *string*

200 OK

Attribute successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameter. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance or category or attribute not found

500 Internal Server Error

Internal server error

Delete one single artifact instance by id

DELETE /**instance/artifact/{id}**

Tags: [3.1 - Artifact instances](#)

Delete one single artifact instance by id

id Internal artifact instance id path *string*

X-Auth-Token Authentication token header *string*

204 No Content

Artifact instance successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance does not exist

500 Internal Server Error

Internal server error

Delete one single category

DELETE /**instance/artifact/{id}/{categoryName}**

Tags: [3.1 - Artifact instances](#)

Delete one single category

id Internal artifact instance id path *string*

categoryName Category name path *string*

X-Auth-Token Authentication token header *string*

204 No Content

Category successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance or category or attribute does not exist

500 Internal Server Error

Internal server error

Delete one single attribute

DELETE /**instance/artifact/{id}/{categoryName}/{attributeName}**

Tags: [3.1 - Artifact instances](#)

Delete one single attribute

id Internal artifact instance id path *string*

categoryName Category name path *string*

attributeName Attribute name path *string*
X-Auth-Token Authentication token header*string*

204 No Content

Attribute successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance or category or attribute does not exist

500 Internal Server Error

Internal server error

Create a relationship instances

POST **/instance/relationship**

Tags: [3.2 - Relationship instances](#)

Create a relationship instances

Relationship instances

[relationship-instances](#)

X-Auth-Token Authentication token header*string*

200 OK

Relationship instances successfully created

[relationship-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship instance do not exist

500 Internal Server Error

Internal server error

Create a category

POST **/instance/relationship/{id}/{categoryName}**

Tags: [3.2 - Relationship instances](#)

Create an attribute in the given category of the given relationship instance, with the given parameters

Category

[category](#)

id	Relationship instance id	path	string
categoryName	Category name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Relationship instance successfully created

[relationship-instance](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship instance do not exist

500 Internal Server Error

Internal server error

Create an attribute

POST **/instance/relationship/{id}/{categoryName}/{attributeName}**

Tags: [3.2 - Relationship instances](#)

Create an attribute in the given relationship instance, with the given parameters

id	Relationship instance id	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Relationships instance successfully created

[relationship-instance](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship instance do not exist

500 Internal Server Error

Internal server error

Get a relationship instance by parent, child and type

GET **/instance/relationship**

Tags: [3.2 - Relationship instances](#)

Get a relationship instance by parent, child and type

parentArtifactInstanceId	Parent artifact id	query	string
childArtifactInstanceId	Child artifact id	query	string
relationshipType	Relationship type	query	string

X-Auth-Token Authentication token *headerstring*

200 OK

Relationship instance successfully obtained

[relationship-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Download all relationship instances (paginated)

GET **/instance/relationship/download**

Tags: [3.2 - Relationship instances](#)

Download all relationship instances (paginated)

offset Pagination offset query *integer* (int32)

items Instances per page query *integer* (int32) 50

sort Sorting expression query *string*

X-Auth-Token Authentication token *headerstring*

200 OK

Relationship instances successfully obtained

[relationship-instances](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship instance do not exist

500 Internal Server Error

Internal server error

Get a relationship instance by id

GET **/instance/relationship/{id}**

Tags: [3.2 - Relationship instances](#)

Get a relationship instance by id

id Relationship instance id *path string*

X-Auth-Token Authentication token *headerstring*

200 OK

Relationship instance successfully obtained

[relationship-instances](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get the tree ids belonging to a relationship instance

GET **/instance/relationship/{id}/tree**

Tags: [3.2 - Relationship instances](#)

Get the tree ids where the given relationship instance belongs to

id Relationship instance id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Tree ids successfully obtained

[uuids](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get a category by category name

GET **/instance/relationship/{id}/{categoryName}**

Tags: [3.2 - Relationship instances](#)

Get an attribute of the given relationship instance, by category name

id Relationship instance id path *string*

categoryName Category name path *string*

X-Auth-Token Authentication token header *string*

200 OK

Category successfully obtained

[category](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Get an attribute

GET **/instance/relationship/{id}/{categoryName}/{attributeName}**

Tags: [3.2 - Relationship instances](#)

Get an attribute of the given relationship instance, by category and attribute name

id	Relationship instance id	path	<i>string</i>
categoryName	Category name	path	<i>string</i>
attributeName	Attribute name	path	<i>string</i>
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Attribute successfully obtained

[attribute](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update a relationship instances

PUT **/instance/relationship**

Tags: [3.2 - Relationship instances](#)

Update a relationship instances

Relationship instances set

[relationship-instances](#)

X-Auth-Token	Authentication token	header	<i>string</i>
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200 OK

Relationship instances successfully updated

[relationship-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship instances do not exist

500 Internal Server Error

Internal server error

Update a category

PUT **/instance/relationship/{id}/{categoryName}**

Tags: [3.2 - Relationship instances](#)

Update a category of the given relationship instance

Category

category

id	Relationship instance id	path	string
categoryName	Category name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Relationship instance successfully updated

[relationship-instance](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update an attribute

PUT **/instance/relationship/{id}/{categoryName}/{attributeName}**

Tags: [3.2 - Relationship instances](#)

Update an attribute of the given category of the given relationship instance

id	Relationship instance id	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Relationship instance successfully updated

[relationship-instance](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete a relationship instance by parent, child and type

DELETE **/instance/relationship**

Tags: [3.2 - Relationship instances](#)

Delete a relationship instance by parent, child and type

parentArtifactInstanceId Parent artifact id query string
childArtifactInstanceId Child artifact id query string
relationshipType Relationship type query string
X-Auth-Token Authentication token headerstring

204 No Content

Relationship instance successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete a relationship instance

DELETE /instance/relationship/{id}

Tags: [3.2 - Relationship instances](#)

Delete a relationship instance

id Relationship instance id path string

X-Auth-Token Authentication token headerstring

204 No Content

Relationship instance successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete a category

DELETE /instance/relationship/{id}/{categoryName}

Tags: [3.2 - Relationship instances](#)

Delete a category of the given relationship instance

id Relationship instance id path string

categoryName Category name path string

X-Auth-Token Authentication token headerstring

204 No Content

Category successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete an attribute

DELETE **/instance/relationship/{id}/{categoryName}/{attributeName}**

Tags: [3.2 - Relationship instances](#)

Delete an attribute of the given category of the given relationship instance

id	Relationship instance id	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Relationship instance successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Start discovering datacenters

POST **/discovery/start**

Tags: [4 - Discovery](#)

Start discovering datacenters, now artifact and relationships can be send

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

200 OK

Stat flag has been created

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Start has been done before

500 Internal Server Error

Internal server error

Invalidate a start

POST **/discovery/start/invalidation**

Tags: [4 - Discovery](#)

This operation allows to invalidate a previous start, so new starts can be invoked. This operation cannot be invoked if a stop has been already done.

X-Auth-Token Authentication token *headerstring*

200 OK

Stat flag has been created

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Stop has been already done

500 Internal Server Error

Internal server error

Stop discovering datacenters

POST **/discovery/stop**

Tags: [4 - Discovery](#)

Stop discovering datacenters, asynchronous discovering resource quota is doing

X-Auth-Token Authentication token *headerstring*

200 OK

Asynchronous discovering resource quota is doing

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Stop has been done before

500 Internal Server Error

Internal server error

Discovering datacenters

POST **/discovery/sync**

Tags: [4 - Discovery](#)

Discovering one datacenter, asynchronous discovering resource quota is doing

dclid Datacenter instance
ids query *string[]*, multiple parameters
 (*dcId=aaa&dcId=bbb*)

X-Auth-Token Authentication token *headerstring*

200 OK

Asynchronous discovering resource quota is doing

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Create artifact instances and relationships instances

POST **/discovery/{datacenterArtifactId}**

Tags: [4 - Discovery](#)

Create artifact instances and relationships instances

Instance to create

instance

datacenterArtifactId Datacenter artifact id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Artifact instances and relationships instances successfully created

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Create a set of artifact instances

POST **/discovery/{datacenterArtifactId}/artifact**

Tags: [4 - Discovery](#)

Create a set of artifact instances

Artifact instances set

[artifact-instances](#)

datacenterArtifactId Datacenter artifact id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Artifact instances successfully created

[artifact-instances](#)

400 Bad Request

Bad request, check artifact instance format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Some artifact instance already exist

500 Internal Server Error

Internal server error

Create or update a set of artifact instances

POST **/discovery/{datacenterArtifactId}/artifact/upload**

Tags: [4 - Discovery](#)

Create or update a set of artifact instances

Artifact instances set

[artifact-instances](#)

datacenterArtifactId Datacenter artifact id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Artifact instances successfully created

[artifact-instances](#)

400 Bad Request

Bad request, check artifact instance format. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Create a relationship instances

POST **/discovery/{datacenterArtifactId}/relationship**

Tags: 4 - [Discovery](#)

Create a relationship instances

Relationship instances

[relationship-instances](#)

datacenterArtifactId Datacenter artifact id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Relationship instances successfully created

[relationship-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship instance do not exist

500 Internal Server Error

Internal server error

Create or update a relationship instances

POST **/discovery/{datacenterArtifactId}/relationship/upload**

Tags: 4 - [Discovery](#)

Create or update a relationship instances

Relationship instances

[relationship-instances](#)

datacenterArtifactId Datacenter artifact id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Relationship instances successfully created

[relationship-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship instance do not exist

500 Internal Server Error

Internal server error

Start discovery, only for the given datacenter

POST **/discovery/{datacenterArtifactId}/start**

Tags: [4 - Discovery](#)

Start discovery, only for the given datacenterArtifactId. A start for a datacenter cannot be invoked if another start without artifacts is running.

datacenterArtifactId Datacenter artifact id to which the start will be associated path *string*

X-Auth-Token Authentication token header *string*

200 OK

Stat flag has been created

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Start has been done before

500 Internal Server Error

Internal server error

Invalidate a start, only for the given datacenter

POST **/discovery/{datacenterArtifactId}/start/invalidation**

Tags: [4 - Discovery](#)

This operation allows to invalidate a previous start (for a specific datacenter), so new starts can be invoked. This operation cannot be invoked if a stop has been already done for that datacenter.

datacenterArtifactId Datacenter artifact id to which we want to invalidate the start path *string*

X-Auth-Token Authentication token header *string*

200 OK

Stat flag has been created

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Stop has been done before

500 Internal Server Error

Internal server error

Stop discovering datacenters, only for the given datacenter

POST **/discovery/{datacenterArtifactId}/stop**

Tags: [4 - Discovery](#)

Stop discovering datacenters, only for the given datacenterArtifactId. A stop for a datacenter cannot be invoked if another stop (global or specific) is running.

datacenterArtifactId Datacenter artifact id to which the stop will be associated path *string*

X-Auth-Token Authentication token header *string*

200 OK

Asynchronous discovering resource quota is doing

403 Forbidden

Authentication error. Is token missing?

409 Conflict

Stop has been done before

500 Internal Server Error

Internal server error

Upload artifact instances and relationships instances

POST **/discovery/{datacenterArtifactId}/upload**

Tags: [4 - Discovery](#)

Upload artifact instances and relationships instances

Instance to create

[instance](#)

datacenterArtifactId Datacenter artifact id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Artifact instances and relationships instances successfully created

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

500 Internal Server Error

Internal server error

Get the status of a discovery

GET **/discovery/{datacenterArtifactId}/status**

Tags: [4 - Discovery](#)

Checks if there is any ongoing discovery for the given datacenter.

Returns a **HTTP 200** if there exists an ongoing discovery in this DC, or a **HTTP 404** if there is **not** any ongoing discovery in this DC.

datacenterArtifactId Datacenter artifact id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Ongoing discovery found for this datacenter

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Ongoing discovery not found for this datacenter

500 Internal Server Error

Internal server error

Update artifact instances and relationships instances

PUT **/discovery/{datacenterArtifactId}**

Tags: [4 - Discovery](#)

Update artifact instances and relationships instances

Instance to create

[instance](#)

datacenterArtifactId Datacenter artifact id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Artifact instances and relationships instances successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update a set of artifact instances

PUT **/discovery/{datacenterArtifactId}/artifact**

Tags: [4 - Discovery](#)

Update a set of artifact instances

Artifact instances set

[artifact-instances](#)

datacenterArtifactId	Datacenter artifact id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Artifact instances successfully updated

[artifact-instances](#)

400 Bad Request

Bad request, check artifact instances format. Is it well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance does not exist

500 Internal Server Error

Internal server error

Updates an existing category of an artifact instance

PUT **/discovery/{datacenterArtifactId}/artifact/{id}/{categoryName}**

Tags: [4 - Discovery](#)

Updates an existing category of an artifact instance

Category

[category](#)

datacenterArtifactId	Datacenter artifact id	path	string
id	Internal artifact instance id	path	string
categoryName	Category name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Category successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameter. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance or category or attribute not found

500 Internal Server Error

Internal server error

Updates an existing attribute of an artifact instance

PUT

/discovery/{datacenterArtifactId}/artifact/{id}/{categoryName}/{attributeName}

Tags: [4 - Discovery](#)

Updates an existing attribute of an artifact instance

datacenterArtifactId	Datacenter artifact id	path	string
id	Internal artifact instance id	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Attribute successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameter. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance or category or attribute not found

500 Internal Server Error

Internal server error

Update a relationship instances

PUT **/discovery/{datacenterArtifactId}/relationship**

Tags: [4 - Discovery](#)

Update a relationship instances

Relationship instances set

[relationship-instances](#)

datacenterArtifactId	Datacenter artifact id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Relationship instances successfully updated

[relationship-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Relationship instances do not exist

500 Internal Server Error

Internal server error

Update a category of the given relationship instance

PUT **/discovery/{datacenterArtifactId}/relationship/{id}/{categoryName}**

Tags: [4 - Discovery](#)

Update a category of the given relationship instance

Category

[category](#)

datacenterArtifactId	Datacenter artifact id	path	string
id	Relationship instance id	path	string
categoryName	Category name	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Relationship instance successfully updated

[relationship-instance](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Update an attribute of the given category of the given relationship instance

PUT

/discovery/{datacenterArtifactId}/relationship/{id}/{categoryName}/{attributeName}

Tags: [4 - Discovery](#)

Update an attribute of the given category of the given relationship instance

datacenterArtifactId	Datacenter artifact id	path	string
id	Relationship instance id	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token	header	string

200 OK

Relationship instance successfully updated

[relationship-instance](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Delete one single artifact instance by id

DELETE **/discovery/{datacenterArtifactId}/artifact/{id}**

Tags: [4 - Discovery](#)

Delete one single artifact instance by id

datacenterArtifactId	Datacenter artifact id	path	string
----------------------	------------------------	------	--------

id	Internal artifact instance id	path	string
----	-------------------------------	------	--------

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

204 No Content

Artifact instance successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance does not exist

500 Internal Server Error

Internal server error

Delete a relationship instance by parent, child and type

DELETE **/discovery/{datacenterArtifactId}/relationship**

Tags: [4 - Discovery](#)

Delete a relationship instance by parent, child and type

datacenterArtifactId	Datacenter artifact id	path	string
----------------------	------------------------	------	--------

parentArtifactInstanceId	Parent artifact id	query	string
--------------------------	--------------------	-------	--------

childArtifactInstanceId	Child artifact id	query	string
-------------------------	-------------------	-------	--------

relationshipType	Relationship type	query	string
------------------	-------------------	-------	--------

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

204 No Content

Relationship instance successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Invoke an operation

POST **/operations**

Tags: [5 - Operations Management](#)

If the invocation is asynchronous returns the id of the operation that can be used with the getResult operation

Parameters to make the operation

[operation-request](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Operation successfull

[operation-response](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal Server Error

Error in sosa communication

Creates a new Operation in Catalog

POST **/operations/catalog**

Tags: [5 - Operations Management](#)

This call creates a new Operatoin in NFVD Operations Catalog.

New Operation to create.

[operation](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Operation successfull

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

409 Conflict

Operation already exists in catalog

500 Internal Server Error

Internal error

Force init initial data

POST **/operations/catalog/load**

Tags: [5 - Operations Management](#)

This operation loads operations contained in deployment archive.

X-Auth-Token Authentication token *headerstring*

200 OK

Operation successfull

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal Server Error

Internal error

Creates a new Operation in SOSA Catalog

POST **/operations/catalog/sosa**

Tags: [5 - Operations Management](#)

This operation creates a new Operatoin in SOSA Operations Catalog.

New SOSA Operation to create.

[sosa-operation](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Operation successfull

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

409 Conflict

Operation already exists in catalog

500 Internal Server Error

Internal error

Gets all operations

GET **/operations/catalog**

Tags: [5 - Operations Management](#)

Gets all operations.

X-Auth-Token Authentication token *headerstring*

200 OK

Operation successfull

[operations](#)

500 Internal Server Error

Internal error

Gets all SOSA operations

GET **/operations/catalog/sosa**

Tags: [5 - Operations Management](#)

Gets all SOSA operations.

X-Auth-Token Authentication token *headerstring*

200 OK

Operation successfull

[operations](#)

500 Internal Server Error

Internal error

Get operation result

GET **/operations/{id}**

Tags: [5 - Operations Management](#)

This operation is for asynchronous operation. It return the response if the operation has finished.

id ID returned by asynchronous invoke *path string*

X-Auth-Token Authentication token *headerstring*

200 OK

Operation successfull

[operation-response](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal Server Error

Internal error / SYNC type (This operation is only available for ASYNC operations)

Update a catalog operation

PUT **/operations/catalog**

Tags: [5 - Operations Management](#)

Deletes a catalog operation.

Updated Operation.

[operation](#)

X-Auth-Token Authentication token *headerstring*

200 OK

Operation successfull

[operations](#)

400 Bad Request

Bad parameter

[operations](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

SOSA Operation not found

500 Internal Server Error

Internal error / SYNC type (This operation is only available for ASYNC operations)

Update a catalog operation

PUT **/operations/catalog/sosa**

Tags: [5 - Operations Management](#)

Deletes a catalog operation.

Updated SOSA Operation.

[sosa-operation](#)

X-Auth-Token Authentication token, *headerstring*

200 OK

Operation successfull

[operations](#)

400 Bad Request

Bad parameter

[operations](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

SOSA Operation not found

500 Internal Server Error

Internal error / SYNC type (This operation is only available for ASYNC operations)

Deletes a SOSA operation from catalog

DELETE **/operations/catalog/sosa/{id}**

Tags: [5 - Operations Management](#)

Deletes a SOSA operation from catalog.

id path *string*

X-Auth-Token Authentication token, *headerstring*

200 OK

Operation successfull

[operations](#)

400 Bad Request

Bad parameter

[operations](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

SOSA Operation not found

500 Internal Server Error

Internal error / SYNC type (This operation is only available for ASYNC operations)

Deletes a operation from catalog

DELETE **/operations/catalog/{id}**

Tags: [5 - Operations Management](#)

Deletes a operation from catalog. Be aware that this call deletes all SOSA operations associated.

id Operation ID to delete_path *string*

X-Auth-Token Authentication token header*string*

200 OK

Operation successfull

[operations](#)

400 Bad Request

Bad parameter

[operations](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal Server Error

Internal error / SYNC type (This operation is only available for ASYNC operations)

Get info

GET **/product**

Tags: [6 - Product management](#)

Get info.

includeRoots includeRoots query *string* false

X-Auth-Token Authentication token header*string*

200 OK

Entity readed

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal Server Error

Internal server error

Upload Modes

POST **/product/modes**

Tags: [6.1 - Operational modes management](#)

Upload Modes.

Modes artifacts set

[instances](#)

X-Auth-Token Authentication token
header *string*

200 OK

Modes artifacts successfully created

[instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact not found

500 Internal Server Error

Internal server error

Get Product Modes

GET **/product/modes**

Tags: [6.1 - Operational modes management](#)

includeRoots includeRoots query *string* false

X-Auth-Token Authentication token
header *string*

200 OK

Modes artifacts successfully obtained

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact not found

500 Internal Server Error

Internal server error

Get Product Modes

GET **/product/modes/filtered**

Tags: [6.1 - Operational modes management](#)

Get Product Modes that have in its root artifact the attribute GENERAL.Managed_by with the sent value.

managedBy Value that the root artifact must have in GENERAL.Managed_by query *string*

X-Auth-Token Authentication token header *string*

200 OK

Modes artifacts successfully obtained

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact not found

500 Internal Server Error

Internal server error

Get instance info

GET **/product/modes/{entityId}**

Tags: [6.1 - Operational modes management](#)

Get instance info.

entityId [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12} path *string*

data Amount of data to fetch. One of [xlite,xliterate,lite,medium,full] query *string* full

X-Auth-Token Authentication token header *string*

200 OK

Entity readed

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal Server Error

Internal server error

Get entity children

GET **/product/modes/{entityId}/children**

Tags: [6.1 - Operational modes management](#)

Get entity children.

entityId [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12} path *string*

type Type query *string*

includeRoots Include roots query *string* false

X-Auth-Token Authentication token header *string*

200 OK

Success

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal Server Error

Internal server error

Get entity child

GET **/product/modes/{entityId}/children/{childId}**

Tags: [6.1 - Operational modes management](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
X-Auth-Token	Authentication token	header	string

200 OK

Success

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal Server Error

Internal server error

Get artifact from child

GET **/product/modes/{entityId}/children/{childId}/{artifactId}**

Tags: [6.1 - Operational modes management](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal Server Error

Internal server error

Get artifact instance from entity

GET **/product/modes/{entityId}/{artifactId}**

Tags: [6.1 - Operational modes management](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal Server Error

Internal server error

Update entity

PUT **/product/modes/{entityId}**

Tags: [6.1 - Operational modes management](#)

Update entity.

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Entity successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Entity not found

500 Internal Server Error

Internal server error

Update child entity

PUT **/product/modes/{entityId}/children/{childId}**

Tags: [6.1 - Operational modes management](#)

Update child entity.

Instance

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	Child id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Children entity successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal Server Error

Internal server error

Update name and description

PUT **/product/modes/{entityId}/children/{childId}/rename**

Tags: [6.1 - Operational modes management](#)

Update name and description.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
name	Name	query	string
description	Description	query	string
X-Auth-Token	Authentication token	header	string

204 No Content

Updated successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal Server Error

Internal server error

Update artifact instance of child entity

PUT **/product/modes/{entityId}/children/{childId}/{artifactId}**

Tags: [6.1 - Operational modes management](#)

Update artifact instance of child entity.

New artifact instance value

[artifact-instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token		headerstring

200 OK

Artifact instance successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal Server Error

Internal server error

Update category

PUT **/product/modes/{entityId}/children/{childId}/{artifactId}/{categoryName}**

Tags: [6.1 - Operational modes management](#)

Update category with given name.

Category to update

[category](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId		path	string
categoryName		path	string

X-Auth-Token Authentication token headerstring

200 OK

Caregory name successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal Server Error

Internal server error

Update attribute

PUT

/product/modes/{entityId}/children/{childId}/{artifactId}/{categoryName}/{attributeName}

Tags: [6.1 - Operational modes management](#)

Update attribute with the given name and under the given category.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token		headerstring

200 OK

Updated attribute value

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal Server Error

Internal server error

Update child entity

PUT **/product/modes/{entityId}/{artifactId}**

Tags: [6.1 - Operational modes management](#)
Update child entity.

Entity to update

[artifact-instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token		headerstring

200 OK

Children entity successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal Server Error

Internal server error

Update category for an artifact instance

PUT **/product/modes/{entityId}/{artifactId}/{categoryName}**

Tags: [6.1 - Operational modes management](#)

Update artifact instance of child entity.

Category to update

[category](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	New category name value	path	string
X-Auth-Token	Authentication token		headerstring

200 OK

Artifact instance successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal Server Error

Internal server error

Updating attribute value

PUT **/product/modes/{entityId}/{artifactId}/{categoryName}/{attributeName}**

Tags: [6.1 - Operational modes management](#)

Updating attribute value.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token		headerstring

200 OK

Attribute name successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal Server Error

Internal server error

Delete entity

DELETE **/product/modes/{entityId}**

Tags: [6.1 - Operational modes management](#)

Delete an entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token		headerstring

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal Server Error

Internal server error

Delete child entity

DELETE /**product/modes/{entityId}/children/{childId}**

Tags: [6.1 - Operational modes management](#)

Delete the given child entity.

entityId [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12} path *string*

childId [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12} path *string*

X-Auth-Token Authentication token header *string*

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal Server Error

Internal server error

Create a template

POST /**product/catalog**

Tags: [6.2 - Template catalog](#)

Create a template and attach it to the catalog.

Template to create

[template](#)

X-Auth-Token Authentication token header *string*

200 OK

Success

[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal Server Error

Internal server error

Create a template from a temporal template

POST /product/catalog/temporal

Tags: [6.2 - Template catalog](#)

Create a template copying the given temporal template, and attach it to the catalog.

Temporal template to copy

[temporal-template](#)

override	Override	query	boolean
visibility	Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]	query parameters	<i>string[]</i> , multiple (visibility=aaa&visibility=bbb)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal Server Error

Internal server error

Upload template tree

POST /product/catalog/upload

Tags: [6.2 - Template catalog](#)

Upload template tree.

Template to upload

[templates](#)

X-Auth-Token	Authentication token	header	<i>string</i>
--------------	----------------------	--------	---------------

200 OK

Success

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal Server Error

Internal server error

Attach template to a resource

POST **/product/catalog/{templateId}/attach**

Tags: [6.2 - Template catalog](#)

Attach template to a resource.

templateId Template id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal Server Error

Internal server error

Detach template from a resource

POST **/product/catalog/{templateId}/detach**

Tags: [6.2 - Template catalog](#)

Detach template from a resource.

templateId Template id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal Server Error

Internal server error

Get catalog

GET **/product/catalog**

Tags: [6.2 - Template catalog](#)

Get catalog.

type	Type	query	<i>string[]</i> , multiple parameters
visibility	Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]	query	(<i>type=aaa&type=bbb</i>) <i>string[]</i> , multiple parameters
include	Include roots	query	<i>string</i> false
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK
 Catalog successful
[templates-info](#)

403 Forbidden
 Authentication error. Is token missing?

404 Not Found
 No subtemplates found

500 Internal Server Error
 Internal server error

Download templates
GET /product/catalog/download
 Tags: [6.2 - Template catalog](#)
 Download templates.

depth Depth level to search query *integer* (int32) 10

X-Auth-Token Authentication token header *string*

200 OK
 Success
[templates](#)

403 Forbidden
 Authentication error. Is token missing?

500 Internal Server Error
 Internal server error

Download a template
GET /product/catalog/download/{templateId}
 Tags: [6.2 - Template catalog](#)
 Download the template tree with the given id.

templateId Template id path *string*

X-Auth-Token Authentication token header *string*

200 OK
 Success

templates

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Template not found

500 Internal Server Error

Internal server error

Get catalog template

GET **/product/catalog/{templateId}**

Tags: [6.2 - Template catalog](#)

Get catalog template.

templateId Template id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Success

[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact not found

500 Internal Server Error

Internal server error

Get temporal component copy

GET **/product/catalog/{templateId}/temporal**

Tags: [6.2 - Template catalog](#)

Get temporal component copy.

tempa
teld Template id path *string*

visibility [base,designed,palette,tabs,vdc_manager,vnf_designer, vnf_designer,private,public] querparameters *string[]*, multiple
y (visibility=aaa&visibility=bbb)

X-Auth-Token Authentication token header *string*

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Template not found

500 Internal Server Error

Internal server error

Merge temporal template

PUT **/product/catalog/temporal**

Tags: [6.2 - Template catalog](#)

Merge temporal template.

Temporal template to merge

[temporal-template](#)

templateId	Template id	query	<i>string</i>
noConnect	No connect to resource	query	<i>boolean</i>
sourceTemplateId	Source template id	query	<i>string</i>
includeConnector	Include connector	query	<i>string[]</i> , multiple parameters (<i>includeConnector=aaa&includeConnector=bbb</i>)
X-Auth-Token	Authentication token	header	<i>string</i>

200 OK

Success

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal Server Error

Internal server error

Modify catalog template

PUT **/product/catalog/{templateId}**

Tags: [6.2 - Template catalog](#)

Modify catalog template.

Template to modify

[template](#)

templateId Template id path *string*

X-Auth-Token Authentication token header *string*

200 OK

Success

[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal Server Error

Internal server error

Delete a component from a temporal template

DELETE **/product/catalog/temporal**

Tags: [6.2 - Template catalog](#)

Delete a component from a temporal template.

[temporal-template](#)

templateId Template id query *string*

X-Auth-Token Authentication token header *string*

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal Server Error

Internal server error

Connect and disconnect

DELETE **/product/catalog/{templateId}**

Tags: [6.2 - Template catalog](#)

Connect and disconnect.

templateId path *string*

X-Auth-Token Authentication token header *string*

204 No Content

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal Server Error

Internal server error

Connect and disconnect

PATCH **/product/catalog/temporal**

Tags: [6.2 - Template catalog](#)

Connect and disconnect.

Temporal template to connect

[temporal-template](#)

sourceComponentId	Source component id	query	string
sourceArtifactId	Source artifact ids	query	string[], multiple parameters (sourceArtifactId=aaa&sourceArtifactId=bbb)
pluggedComponentId	Plugged component ids	query	string[], multiple parameters (pluggedComponentId=aaa&pluggedComponentId=bbb)
pluggedArtifactId	Plugged artifact ids	query	string[], multiple parameters (pluggedArtifactId=aaa&pluggedArtifactId=bbb)
unpluggedComponentId	Unplugged components ids	query	string[], multiple parameters (unpluggedComponentId=aaa&unpluggedComponentId=bbb)
unpluggedArtifactId	Unplugged artifact ids	query	string[], multiple parameters (unpluggedArtifactId=aaa&unpluggedArtifactId=bbb)
X-Auth-Token	Authentication token	header	string

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal Server Error

Internal server error

Get CPUs from Datacenters

GET **/datacenters/query/cpu**

Tags: [7 - Datacenters](#)

Get CPU:GENERIC artifacts under all Datacenters, filtering from the given artifactId.

fromArtifactId	Artifact from which filter. It can be of these types: RESOURCE_POOL, DATACENTER, VIM, REGION or AVAILABILITY_ZONE	query <i>string</i>
sort	Order of the returned the CPUs. If empty, the order is random. Any other value gets the CPUS ordered by domain, artifact, server and resource type (other ordering options are pending to implement)	query <i>string</i>
X-Auth- Token	Authentication token	header <i>string</i>

200 OK

CPUs successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal Server Error

Internal server error

Schema definitions

artifact-definition: *object*

family: *string*

category: *string*

group: *string*

type: *string*

subtype: *string*

version: *string*

physical: *boolean*

enabled: *boolean*

artifactDefinitionStatus: *object[]*

status

artifactDefinitionCategories: *object[]*

category

uri: *string*

internal-id: *string*

artifact-definitions: *object*

artifact-definition: *object[]*

artifact-definition

artifact-ids: *object*

id: *string[]*
string

artifact-instance: *object*

artifact-definition: *SimpleArtifactDefinition*

artifact-version: *string*

categories: *categories*

status: *status*

id: *string*

identifier: *string*

artifact-template-id: *string*

physical: *boolean*

creation-timestamp: *string*

update-timestamp: *string*

uri: *string*

internal-id: *string*

artifact-instances: *object*

artifact-instance: *object[]*

artifact-instance

artifact-template: *object*

artifact-definition: *SimpleArtifactDefinition*

artifact-version: *string*

categories: *categories*

status: *status*

id: *string*

identifier: *string*

physical: *boolean*

creation-timestamp: *string*

update-timestamp: *string*

uri: *string*

internal-id: *string*

artifact-templates: *object*

artifact-template: *object[]*

artifact-template

ArtifactDefinition:

artifact-definition

ArtifactInstance:

artifact-instance

ArtifactTemplate:

artifact-template

attribute: *object*

label: *string*

order: *integer* (int32)

mandatory: *boolean*

value: *string*
description: *string*
type: *string*
unit: *string*
restrictions: *restrictions*

attribute-definition: *object*
label: *string*
order: *integer* (int32)
mandatory: *boolean*
default-value: *string*
description: *string*
type: *string*
unit: *string*

attribute-definitions: *object*
attribute: *object*[]
attribute-definition

attributes: *object*
attribute: *object*[]
attribute

categories: *object*
category: *object*[]
category

category: *object*
label: *string*
order: *integer* (int32)
attributes: *attributes*

category-definition: *object*
label: *string*
order: *integer* (int32)
attributes: *attribute-definitions*

category-definitions: *object*
category: *object*[]
category-definition

component-info: *object*
visible: *visible*
source: *string*
connectors: *connectors*

connector: *object*
artifact-ids: *artifact-ids*
relationship-definition: *simple-relationship-definition*
name: *string*
type: *string*
relationship-status: *status*
connector-restrictions: *ConnectorRestriction*

ConnectorRestriction: *object*

exclusion: *string[]*

string

inclusion: *string[]*

string

connectors: *object*

connector: *object[]*

connector

definitions: *object*

language-code: *string*

artifact-definitions: *artifact-definitions*

relationship-definitions: *relationship-definitions*

elements: *object*

artifact-templates: *artifact-templates*

relationship-templates: *relationship-templates*

input-parameters-map: *object*

inputParams: *object[]*

parameter

key: *string*

Instance:

instance

instance: *object*

id: *string*

name: *string*

type: *string*

description: *string*

subgroups: *object[]*

instance

rootArtifacts: *string[]*

string

artifactInstanceSet: *object[]*

artifact-instance

relationshipInstanceSet: *object[]*

relationship-instance

uri: *string*

language-code: *string*

source-template: *string*

internal-id: *string*

instance-info: *object*

id: *string*

name: *string*

type: *string*

description: *string*

root-artifacts: *root-artifacts*

artifact-instances: *artifact-instances*

source-template: *string*

uri: *string*

internal-id: *string*

instance-trees: *object*
instance: *object[]*
instance

InstanceInfo:
instance-info

instances: *object*
instance-trees: *instance-trees*
elements: *elements*

instances-info: *object*
instance-info: *object[]*
instance-info

operation: *object*
name: *string*
type: *string*
subtype: *string*
comm-type: *string*
mode: *string*
hr-name: *string*
sosa-operation-id: *string*
operation-configs: *operation-configs*
uri: *string*
internal-id: *string*

operation-config: *object*
scope: *string*
operation-permission: *string*
trackable: *boolean*
retryable: *boolean*
rollbackable: *boolean*
lock-key: *string*

operation-configs: *object*
operation-config: *object[]*
operation-config

operation-request: *object*
operation: *string*
type: *string*
inputParams: *object[]*
parameter
inputParamsMaps: *object[]*
input-parameters-map
subtype: *string*
communication-type: *string*, $x \in \{ \text{ASYNC} , \text{SYNC} \}$

operation-response: *object*
code: *integer* (int32)
description: *string*
id: *string*
start-timestamp: *string* (date-time)

finish-timestamp: *string* (date-time)
delivery-timestamp: *string* (date-time)
output-params: *object[]*
parameter

operations: *object*
operation: *object[]*
operation

parameter: *object*
key: *string*
value: *string*

Parameter: *object*
key: *string*
value: *string*

relationship-definition: *object*
type: *string*
enabled: *boolean*
relationshipDefinitionStatus: *object[]*
status
relationshipDefinitionCategories: *object[]*
category
uri: *string*
parent-artifact-definition: *artifact-definition*
child-artifact-definition: *artifact-definition*
internal-id: *string*

relationship-definitions: *object*
relationship-definition: *object[]*
relationship-definition

relationship-instance: *object*
categories: *object[]*
category
uri: *string*
status: *status*
creation-timestamp: *string* (date-time)
update-timestamp: *string* (date-time)
relationship-type: *string*
child-artifact-id: *string*
parent-artifact-id: *string*
internal-id: *string*

relationship-instances: *object*
relationship-instance: *object[]*
relationship-instance

relationship-template: *object*
relationship-type: *string*
parent-artifact-id: *string*
child-artifact-id: *string*
categories: *categories*

status: *status*
creation-timestamp: *string*
update-timestamp: *string*
uri: *string*
internal-id: *string*

relationship-templates: *object*
relationship-template: *object[]*
relationship-template

RelationshipDefinition:
relationship-definition

RelationshipInstance:
relationship-instance

RelationshipTemplate:
relationship-template

request-parameters: *object*
required: *object[]*
required
fixed: *object[]*
Parameter

required: *object*
source: *string*
target: *string*
reference: *string*, $x \in \{ \text{ARTIFACT} , \text{TREE} \}$

response-parameters: *object*
response-param: *object[]*
ResponseParam
fixed: *object[]*
Parameter

ResponseParam: *object*
source: *string*
target: *string*

restriction: *object*
type: *string*
values: *values*
visible: *visible*

restrictions: *object*
restriction: *object[]*
restriction

root-artifacts: *object*
artifact-id: *string[]*
string

simple-relationship-definition: *object*
type: *string*
parent-artifact-definition: *SimpleArtifactDefinition*
child-artifact-definition: *SimpleArtifactDefinition*

SimpleArtifactDefinition: *object*
family: *string*
category: *string*
group: *string*
type: *string*
subtype: *string*
version: *string*

sosa-operation: *object*
id: *string*
type: *string*
name: *string*
action: *string*
request-parameters: *request-parameters*
response-parameters: *response-parameters*
uri: *string*
internal-id: *string*

status: *object*
label: *string*
visible-label: *string*
enabled: *boolean*

status-list: *object*
status: *object[]*
status

subinstances: *object*
instance: *object[]*
instance

subtemplates: *object*
template: *object[]*
template

Template:
template

template: *object*
id: *string*
name: *string*
type: *string*
description: *string*
language-code: *string*
artifact-templates: *artifact-templates*
relationship-templates: *relationship-templates*
root-artifacts: *root-artifacts*
component-info: *component-info*
subtemplates: *subtemplates*

uri: *string*
internal-id: *string*

template-info: *object*
id: *string*
name: *string*
type: *string*
description: *string*
component-info: *component-info*
root-artifacts: *root-artifacts*
artifact-templates: *artifact-templates*
uri: *string*
internal-id: *string*

template-trees: *object*
template: *object[]*
template

TemplateInfo:
template-info

templates: *object*
template-trees: *template-trees*
elements: *elements*

templates-info: *object*
template-info: *object[]*
template-info

temporal-template: *object*
template: *template*

type: *object*
value: *string*

unit: *object*
value: *string*

uuids: *object*
uuid: *string[]*
string

values: *object*
value: *string[]*
string

visible: *object*
scope: *string[]*
string