

clamp

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# Chapter 1. Overview

## 1.1. Version information

*Version* : 3.0.0-SNAPSHOT

## 1.2. URI scheme

*BasePath* : /clamp/restservices/clds/v1

*Schemes* : HTTP

# Chapter 2. Paths

## 2.1. PUT /clds/action/{action}/{modelName}

### 2.1.1. Description

REST service that saves and processes an action for a CLDS model by name.

### 2.1.2. Parameters

Type	Name	Schema
Path	<b>action</b> <i>required</i>	string
Path	<b>modelName</b> <i>required</i>	string
Query	<b>test</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsModel</a>

### 2.1.3. Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CldsModel</a>
500	Internal Server Error	<a href="#">CldsModel</a>

### 2.1.4. Consumes

- [application/json](#)

### 2.1.5. Produces

- [application/json](#)

## 2.2. GET /clds/cldsDetails

### 2.2.1. Responses

HTTP Code	Description	Schema
200	OK	< <a href="#">CldsMonitoringDetails</a> > array

### 2.2.2. Produces

- `application/json`

## 2.3. GET /clds/cldsInfo

### 2.3.1. Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CldsInfo</a>

### 2.3.2. Produces

- `application/json`

## 2.4. POST /clds/dcae/event

### 2.4.1. Description

REST service that accepts events for a model.

### 2.4.2. Parameters

Type	Name	Schema
Query	<b>test</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">DcaeEvent</a>

### 2.4.3. Responses

HTTP Code	Description	Schema
200	OK	string



## 2.4.4. Consumes

- `application/json`

## 2.4.5. Produces

- `application/json`

# 2.5. PUT /clds/deploy/{modelName}

## 2.5.1. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsModel</a>

## 2.5.2. Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CldsModel</a>
500	Internal Server Error	<a href="#">CldsModel</a>

## 2.5.3. Consumes

- `application/json`

## 2.5.4. Produces

- `application/json`

# 2.6. GET /clds/healthcheck

## 2.6.1. Description

REST service that retrieves clds healthcheck information.

## 2.6.2. Responses

HTTP Code	Description	Schema
200	OK	CldsHealthCheck
500	Internal Server Error	CldsHealthCheck

### 2.6.3. Produces

- `application/json`

## 2.7. GET /clds/model-names

### 2.7.1. Description

REST service that retrieves a list of CLDS model names.

### 2.7.2. Responses

HTTP Code	Description	Schema
200	OK	< <a href="#">ValueItem</a> > array

### 2.7.3. Produces

- `application/json`

## 2.8. GET /clds/model/bpmn/{modelName}

### 2.8.1. Description

REST service that retrieves BPMN for a CLDS model name from the database. This is subset of the json getModel. This is only expected to be used for testing purposes, not by the UI.

### 2.8.2. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string

### 2.8.3. Responses

HTTP Code	Description	Schema
200	OK	string

## 2.8.4. Produces

- `text/xml`

## 2.9. GET /clds/model/image/{modelName}

### 2.9.1. Description

REST service that retrieves image for a CLDS model name from the database. This is subset of the json `getModel`. This is only expected to be used for testing purposes, not by the UI.

### 2.9.2. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string

### 2.9.3. Responses

HTTP Code	Description	Schema
200	OK	string

### 2.9.4. Produces

- `text/xml`

## 2.10. GET /clds/model/{modelName}

### 2.10.1. Description

REST service that retrieves a CLDS model by name from the database.

### 2.10.2. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string

### 2.10.3. Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CldsModel</a>

### 2.10.4. Produces

- `application/json`

## 2.11. PUT /clds/model/{modelName}

### 2.11.1. Description

REST service that saves a CLDS model by name in the database.

### 2.11.2. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsModel</a>

### 2.11.3. Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CldsModel</a>

### 2.11.4. Consumes

- `application/json`

### 2.11.5. Produces

- `application/json`

## 2.12. GET /clds/properties

### 2.12.1. Description

REST service that retrieves total properties required by UI

### 2.12.2. Responses

HTTP Code	Description	Schema
200	OK	string

### 2.12.3. Produces

- `application/json`

## 2.13. GET /clds/properties/{serviceInvariantUUID}

### 2.13.1. Description

REST service that retrieves total properties by using invariantUUID based on refresh and non refresh

### 2.13.2. Parameters

Type	Name	Schema	Default
Path	<b>serviceInvariantUUID</b> <i>required</i>	string	
Query	<b>refresh</b> <i>optional</i>	boolean	"false"

### 2.13.3. Responses

HTTP Code	Description	Schema
200	OK	string

### 2.13.4. Produces

- `application/json`

## 2.14. GET /clds/sdc/services

### 2.14.1. Description

REST service that retrieves sdc services

### 2.14.2. Responses

HTTP Code	Description	Schema
200	OK	string

### 2.14.3. Produces

- `application/json`

## 2.15. PUT /clds/undeploy/{modelName}

### 2.15.1. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsModel</a>

### 2.15.2. Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CldsModel</a>
500	Internal Server Error	<a href="#">CldsModel</a>

### 2.15.3. Consumes

- `application/json`

### 2.15.4. Produces

- `application/json`

## 2.16. GET /cldsTempate/template-names

### 2.16.1. Description

REST service that retrieves a list of CLDS template names.

### 2.16.2. Responses

HTTP Code	Description	Schema
200	OK	< <a href="#">ValueItem</a> > array

### 2.16.3. Produces

- `application/json`

## 2.17. GET /cldsTempate/template/bpmn/{templateName}

### 2.17.1. Description

REST service that retrieves BPMN for a CLDS template name from the database. This is subset of the json getModel. This is only expected to be used for testing purposes, not by the UI.

### 2.17.2. Parameters

Type	Name	Schema
Path	<b>templateName</b> <i>required</i>	string

### 2.17.3. Responses

HTTP Code	Description	Schema
200	OK	string

### 2.17.4. Produces

- `text/xml`

## 2.18. GET /cldsTempate/template/image/{templateName}

### 2.18.1. Description

REST service that retrieves image for a CLDS template name from the database. This is subset of the json getModel. This is only expected to be used for testing purposes, not by the UI.

### 2.18.2. Parameters

Type	Name	Schema
Path	<b>templateName</b> <i>required</i>	string

### 2.18.3. Responses

HTTP Code	Description	Schema
200	OK	string

### 2.18.4. Produces

- `text/xml`

## 2.19. GET /cldsTempate/template/{templateName}

### 2.19.1. Description

REST service that retrieves a CLDS template by name from the database.

### 2.19.2. Parameters

Type	Name	Schema
Path	<b>templateName</b> <i>required</i>	string

### 2.19.3. Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CldsTemplate</a>



## 2.19.4. Produces

- `application/json`

## 2.20. PUT /cldsTempate/template/{templateName}

### 2.20.1. Description

REST service that saves a CLDS template by name in the database.

### 2.20.2. Parameters

Type	Name	Schema
Path	<b>templateName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsTemplate</a>

### 2.20.3. Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CldsTemplate</a>

### 2.20.4. Consumes

- `application/json`

### 2.20.5. Produces

- `application/json`

## 2.21. GET /healthcheck

### 2.21.1. Description

REST service that retrieves clds healthcheck information.

### 2.21.2. Responses

HTTP Code	Description	Schema
200	OK	<a href="#">CldsHealthCheck</a>

HTTP Code	Description	Schema
500	Internal Server Error	<a href="#">CldsHealthCheck</a>

### 2.21.3. Produces

- `application/json`

## 2.22. GET /user/getUser

### 2.22.1. Description

REST service that returns the username.

### 2.22.2. Responses

HTTP Code	Description	Schema
200	OK	string

### 2.22.3. Produces

- `text/plain`

# Chapter 3. Definitions

## 3.1. CldsEvent

Name	Schema
<b>actionAndStateCd</b> <i>optional</i>	boolean
<b>actionCd</b> <i>optional</i>	boolean
<b>actionStateCd</b> <i>optional</i>	boolean
<b>id</b> <i>optional</i>	string
<b>processInstanceId</b> <i>optional</i>	string
<b>userid</b> <i>optional</i>	string

## 3.2. CldsHealthCheck

Name	Schema
<b>description</b> <i>optional</i>	string
<b>healthCheckComponent</b> <i>optional</i>	string
<b>healthCheckStatus</b> <i>optional</i>	string

## 3.3. CldsInfo

Name	Schema
<b>cldsVersion</b> <i>optional</i>	string
<b>permissionReadCI</b> <i>optional</i>	boolean

Name	Schema
<b>permissionReadTemplate</b> <i>optional</i>	boolean
<b>permissionUpdateCl</b> <i>optional</i>	boolean
<b>permissionUpdateTemplate</b> <i>optional</i>	boolean
<b>userName</b> <i>optional</i>	string

### 3.4. CldsModel

Name	Schema
<b>blueprintText</b> <i>optional</i>	string
<b>bpmnText</b> <i>optional</i>	string
<b>cldsModelInstanceList</b> <i>optional</i>	< <a href="#">CldsModelInstance</a> > array
<b>controlName</b> <i>optional</i>	string
<b>controlNamePrefix</b> <i>optional</i>	string
<b>controlNameUuid</b> <i>optional</i>	string
<b>deploymentId</b> <i>optional</i>	string
<b>docText</b> <i>optional</i>	string
<b>event</b> <i>optional</i>	<a href="#">CldsEvent</a>
<b>id</b> <i>optional</i>	string
<b>imageText</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string

Name	Schema
<b>permittedActionCd</b> <i>optional</i>	< string > array
<b>propText</b> <i>optional</i>	string
<b>status</b> <i>optional</i>	string
<b>templateId</b> <i>optional</i>	string
<b>templateName</b> <i>optional</i>	string
<b>typeId</b> <i>optional</i>	string
<b>typeName</b> <i>optional</i>	string

### 3.5. CldsModelInstance

Name	Schema
<b>location</b> <i>optional</i>	string
<b>modelInstanceId</b> <i>optional</i>	string
<b>vmName</b> <i>optional</i>	string

### 3.6. CldsMonitoringDetails

Name	Schema
<b>action</b> <i>optional</i>	string
<b>closeLoopName</b> <i>optional</i>	string
<b>deploymentId</b> <i>optional</i>	string
<b>modelName</b> <i>optional</i>	string

Name	Schema
<b>serviceTypeId</b> <i>optional</i>	string
<b>templateName</b> <i>optional</i>	string
<b>timestamp</b> <i>optional</i>	string
<b>userid</b> <i>optional</i>	string

### 3.7. CldsTemplate

Name	Schema
<b>bpmnId</b> <i>optional</i>	string
<b>bpmnText</b> <i>optional</i>	string
<b>bpmnUserId</b> <i>optional</i>	string
<b>controlNamePrefix</b> <i>optional</i>	string
<b>controlNameUuid</b> <i>optional</i>	string
<b>id</b> <i>optional</i>	string
<b>imageId</b> <i>optional</i>	string
<b>imageText</b> <i>optional</i>	string
<b>imageUserId</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>propId</b> <i>optional</i>	string
<b>propText</b> <i>optional</i>	string

Name	Schema
<b>propUserId</b> <i>optional</i>	string
<b>userAuthorizedToUpdate</b> <i>optional</i>	boolean

### 3.8. DcaeEvent

Name	Schema
<b>artifactName</b> <i>optional</i>	string
<b>cldsActionCd</b> <i>optional</i>	string
<b>controlName</b> <i>optional</i>	string
<b>event</b> <i>optional</i>	string
<b>instances</b> <i>optional</i>	< <a href="#">CldsModelInstance</a> > array
<b>resourceUUID</b> <i>optional</i>	string
<b>serviceUUID</b> <i>optional</i>	string

### 3.9. ValueItem

Name	Schema
<b>value</b> <i>optional</i>	string