

Clamp Rest API

Table of Contents

- 1. Overview 1
 - 1.1. Version information 1
 - 1.2. URI scheme..... 1
- 2. Paths 2
 - 2.1. GET /v1/clds/cldsInfo 2
 - 2.1.1. Responses 2
 - 2.1.2. Produces 2
 - 2.2. GET /v1/healthcheck. 2
 - 2.2.1. Responses 2
 - 2.2.2. Produces 2
 - 2.3. GET /v1/user/getUser 2
 - 2.3.1. Responses 2
 - 2.3.2. Produces 2
 - 2.4. GET /v2/dictionary 2
 - 2.4.1. Responses 3
 - 2.4.2. Produces 3
 - 2.5. PUT /v2/dictionary 3
 - 2.5.1. Parameters 3
 - 2.5.2. Responses 3
 - 2.5.3. Consumes 3
 - 2.5.4. Produces 3
 - 2.6. GET /v2/dictionary/secondary/names 3
 - 2.6.1. Responses 3
 - 2.6.2. Produces 4
 - 2.7. GET /v2/dictionary/{dictionaryName}..... 4
 - 2.7.1. Parameters 4
 - 2.7.2. Responses 4
 - 2.7.3. Produces 4
 - 2.8. PUT /v2/dictionary/{name}..... 4
 - 2.8.1. Parameters 4
 - 2.8.2. Responses 4
 - 2.8.3. Consumes 4
 - 2.8.4. Produces 5
 - 2.9. DELETE /v2/dictionary/{name} 5
 - 2.9.1. Parameters 5
 - 2.9.2. Responses 5

2.9.3. Produces	5
2.10. DELETE /v2/dictionary/{name}/elements/{shortName}	5
2.10.1. Parameters	5
2.10.2. Responses	5
2.10.3. Produces	5
2.11. PUT /v2/loop/delete/{loopName}	6
2.11.1. Parameters	6
2.11.2. Responses	6
2.12. PUT /v2/loop/deploy/{loopName}	6
2.12.1. Parameters	6
2.12.2. Responses	6
2.12.3. Produces	6
2.13. GET /v2/loop/getAllNames	6
2.13.1. Responses	6
2.13.2. Produces	7
2.14. GET /v2/loop/getstatus/{loopName}	7
2.14.1. Parameters	7
2.14.2. Responses	7
2.14.3. Produces	7
2.15. PUT /v2/loop/refreshOpPolicyJsonSchema/{loopName}	7
2.15.1. Parameters	7
2.15.2. Responses	7
2.15.3. Produces	7
2.16. PUT /v2/loop/restart/{loopName}	8
2.16.1. Parameters	8
2.16.2. Responses	8
2.16.3. Produces	8
2.17. PUT /v2/loop/stop/{loopName}	8
2.17.1. Parameters	8
2.17.2. Responses	8
2.17.3. Produces	8
2.18. PUT /v2/loop/submit/{loopName}	8
2.18.1. Parameters	8
2.18.2. Responses	9
2.18.3. Produces	9
2.19. GET /v2/loop/svgRepresentation/{loopName}	9
2.19.1. Parameters	9
2.19.2. Responses	9

2.19.3. Produces	9
2.20. PUT /v2/loop/undeploy/{loopName}	9
2.20.1. Parameters	9
2.20.2. Responses	10
2.20.3. Produces	10
2.21. POST /v2/loop/updateGlobalProperties/{loopName}	10
2.21.1. Parameters	10
2.21.2. Responses	10
2.21.3. Consumes	10
2.21.4. Produces	10
2.22. POST /v2/loop/updateMicroservicePolicy/{loopName}	10
2.22.1. Parameters	10
2.22.2. Responses	11
2.22.3. Consumes	11
2.22.4. Produces	11
2.23. POST /v2/loop/updateOperationalPolicies/{loopName}	11
2.23.1. Parameters	11
2.23.2. Responses	11
2.23.3. Consumes	11
2.23.4. Produces	12
2.24. GET /v2/loop/{loopName}	12
2.24.1. Parameters	12
2.24.2. Responses	12
2.24.3. Produces	12
2.25. GET /v2/policyToscaModels	12
2.25.1. Responses	12
2.25.2. Produces	12
2.26. GET /v2/policyToscaModels/yaml/{policyModelType}	12
2.26.1. Parameters	12
2.26.2. Responses	13
2.26.3. Produces	13
2.27. GET /v2/policyToscaModels/{policyModelType}	13
2.27.1. Parameters	13
2.27.2. Responses	13
2.27.3. Produces	13
2.28. PUT /v2/policyToscaModels/{policyModelType}	13
2.28.1. Parameters	13
2.28.2. Responses	14

2.28.3. Consumes	14
2.28.4. Produces	14
2.29. GET /v2/templates.....	14
2.29.1. Responses	14
2.29.2. Produces	14
2.30. GET /v2/templates/names.....	14
2.30.1. Responses	14
2.30.2. Produces	14
2.31. GET /v2/templates/{templateName}	15
2.31.1. Parameters.....	15
2.31.2. Responses	15
2.31.3. Produces	15
3. Definitions	16
3.1. CldsHealthCheck.....	16
3.2. CldsInfo.....	16
3.3. Dictionary.....	16
3.4. DictionaryElement	17
3.5. ExternalComponent.....	18
3.6. ExternalComponentState	18
3.7. JsonArray	18
3.8. JsonNull	19
3.9. JsonObject.....	21
3.10. JsonPrimitive.....	22
3.11. Loop.....	23
3.12. LoopElementModel	24
3.13. LoopLog	25
3.14. LoopTemplate	25
3.15. LoopTemplateLoopElementModel.....	26
3.16. MicroServicePolicy	27
3.17. Number.....	28
3.18. OperationalPolicy.....	28
3.19. PolicyModel	29
3.20. Service.....	29

Chapter 1. Overview

1.1. Version information

Version : 5.0.0-SNAPSHOT

1.2. URI scheme

Host : localhost:35273

BasePath : /restservices/clds/

Schemes : HTTP

Chapter 2. Paths

2.1. GET /v1/clds/cldsInfo

2.1.1. Responses

HTTP Code	Description	Schema
200	Output type	CldsInfo

2.1.2. Produces

- `application/json`

2.2. GET /v1/healthcheck

2.2.1. Responses

HTTP Code	Description	Schema
200	Output type	CldsHealthCheck

2.2.2. Produces

- `application/json`

2.3. GET /v1/user/getUser

2.3.1. Responses

HTTP Code	Schema
200	No Content

2.3.2. Produces

- `text/plain`

2.4. GET /v2/dictionary

2.4.1. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.4.2. Produces

- [application/json](#)

2.5. PUT /v2/dictionary

2.5.1. Parameters

Type	Name	Schema
Body	body <i>required</i>	Dictionary

2.5.2. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.5.3. Consumes

- [application/json](#)

2.5.4. Produces

- [application/json](#)

2.6. GET /v2/dictionary/secondary/names

2.6.1. Responses

HTTP Code	Description	Schema
200	Output type	< string > array

2.6.2. Produces

- `application/json`

2.7. GET /v2/dictionary/{dictionaryName}

2.7.1. Parameters

Type	Name	Schema
Path	dictionaryName <i>required</i>	string

2.7.2. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.7.3. Produces

- `application/json`

2.8. PUT /v2/dictionary/{name}

2.8.1. Parameters

Type	Name	Schema
Path	name <i>required</i>	string
Body	body <i>required</i>	Dictionary

2.8.2. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.8.3. Consumes

- `application/json`

2.8.4. Produces

- `application/json`

2.9. DELETE /v2/dictionary/{name}

2.9.1. Parameters

Type	Name	Schema
Path	name <i>required</i>	string

2.9.2. Responses

HTTP Code	Schema
200	No Content

2.9.3. Produces

- `application/json`

2.10. DELETE /v2/dictionary/{name}/elements/{shortName}

2.10.1. Parameters

Type	Name	Schema
Path	name <i>required</i>	string
Path	shortName <i>required</i>	string

2.10.2. Responses

HTTP Code	Schema
200	No Content

2.10.3. Produces

- `application/json`

2.11. PUT /v2/loop/delete/{loopName}

2.11.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string

2.11.2. Responses

HTTP Code	Schema
200	No Content

2.12. PUT /v2/loop/deploy/{loopName}

2.12.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string

2.12.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.12.3. Produces

- [application/json](#)

2.13. GET /v2/loop/getAllNames

2.13.1. Responses

HTTP Code	Description	Schema
200	Output type	< string > array

2.13.2. Produces

- `application/json`

2.14. GET /v2/loop/getstatus/{loopName}

2.14.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string

2.14.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.14.3. Produces

- `application/json`

2.15. PUT

/v2/loop/refreshOpPolicyJsonSchema/{loopName}

2.15.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string

2.15.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.15.3. Produces

- `application/json`

2.16. PUT /v2/loop/restart/{loopName}

2.16.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string

2.16.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.16.3. Produces

- [application/json](#)

2.17. PUT /v2/loop/stop/{loopName}

2.17.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string

2.17.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.17.3. Produces

- [application/json](#)

2.18. PUT /v2/loop/submit/{loopName}

2.18.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string

2.18.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.18.3. Produces

- [application/json](#)

2.19. GET /v2/loop/svgRepresentation/{loopName}

2.19.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string

2.19.2. Responses

HTTP Code	Description	Schema
200	Output type	string

2.19.3. Produces

- [application/xml](#)

2.20. PUT /v2/loop/undeploy/{loopName}

2.20.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string

2.20.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.20.3. Produces

- [application/json](#)

2.21. POST /v2/loop/updateGlobalProperties/{loopName}

2.21.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string
Body	body <i>required</i>	JsonObject

2.21.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.21.3. Consumes

- [application/json](#)

2.21.4. Produces

- [application/json](#)

2.22. POST /v2/loop/updateMicroservicePolicy/{loopName}

2.22.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string
Body	body <i>required</i>	MicroServicePolicy

2.22.2. Responses

HTTP Code	Description	Schema
200	Output type	MicroServicePolicy

2.22.3. Consumes

- [application/json](#)

2.22.4. Produces

- [application/json](#)

2.23. POST

/v2/loop/updateOperationalPolicies/{loopName}

2.23.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string
Body	body <i>required</i>	JsonArray

2.23.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.23.3. Consumes

- [application/json](#)

2.23.4. Produces

- `application/json`

2.24. GET /v2/loop/{loopName}

2.24.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string

2.24.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.24.3. Produces

- `application/json`

2.25. GET /v2/policyToscaModels

2.25.1. Responses

HTTP Code	Description	Schema
200	Output type	PolicyModel

2.25.2. Produces

- `application/json`

2.26. GET /v2/policyToscaModels/yaml/{policyModelType}

2.26.1. Parameters

Type	Name	Schema
Path	policyModelType <i>required</i>	string

2.26.2. Responses

HTTP Code	Description	Schema
200	Output type	string

2.26.3. Produces

- `application/json`

2.27. GET /v2/policyToscaModels/{policyModelType}

2.27.1. Parameters

Type	Name	Schema
Path	policyModelType <i>required</i>	string

2.27.2. Responses

HTTP Code	Description	Schema
200	Output type	PolicyModel

2.27.3. Produces

- `application/json`

2.28. PUT /v2/policyToscaModels/{policyModelType}

2.28.1. Parameters

Type	Name	Schema
Path	policyModelType <i>required</i>	string

Type	Name	Schema
Body	body <i>required</i>	string

2.28.2. Responses

HTTP Code	Description	Schema
200	Output type	PolicyModel

2.28.3. Consumes

- [plain/text](#)

2.28.4. Produces

- [application/json](#)

2.29. GET /v2/templates

2.29.1. Responses

HTTP Code	Description	Schema
200	Output type	LoopTemplate

2.29.2. Produces

- [application/json](#)

2.30. GET /v2/templates/names

2.30.1. Responses

HTTP Code	Description	Schema
200	Output type	< string > array

2.30.2. Produces

- [application/json](#)

2.31. GET /v2/templates/{templateName}

2.31.1. Parameters

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

2.31.2. Responses

HTTP Code	Description	Schema
200	Output type	LoopTemplate

2.31.3. Produces

- `application/json`

Chapter 3. Definitions

3.1. CldsHealthCheck

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

3.2. CldsInfo

Name	Schema
cldsVersion <i>optional</i>	string
permissionReadCI <i>optional</i>	boolean
permissionReadTemplate <i>optional</i>	boolean
permissionReadTosca <i>optional</i>	boolean
permissionUpdateCI <i>optional</i>	boolean
permissionUpdateTemplate <i>optional</i>	boolean
permissionUpdateTosca <i>optional</i>	boolean
userName <i>optional</i>	string

3.3. Dictionary

Name	Schema
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
dictionaryElements <i>optional</i>	< DictionaryElement > array
name <i>optional</i>	string
secondLevelDictionary <i>optional</i>	integer (int32)
subDictionaryType <i>optional</i>	string
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)

3.4. DictionaryElement

Name	Schema
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
description <i>optional</i>	string
name <i>optional</i>	string
shortName <i>optional</i>	string
subDictionary <i>optional</i>	string
type <i>optional</i>	string
updatedBy <i>optional</i>	string

Name	Schema
updatedAt <i>optional</i>	integer (int64)
usedByDictionaries <i>optional</i>	< Dictionary > array

3.5. ExternalComponent

Name	Schema
componentName <i>optional</i>	string
state <i>optional</i>	ExternalComponentState

3.6. ExternalComponentState

Name	Schema
description <i>optional</i>	string
level <i>optional</i>	integer (int32)
stateName <i>optional</i>	string

3.7. JsonArray

Name	Schema
asBigDecimal <i>optional</i>	number
asBigInteger <i>optional</i>	integer
asBoolean <i>optional</i>	boolean
asByte <i>optional</i>	string (byte)
asCharacter <i>optional</i>	string

Name	Schema
asDouble <i>optional</i>	number (double)
asFloat <i>optional</i>	number (float)
asInt <i>optional</i>	integer (int32)
asJSONArray <i>optional</i>	JSONArray
asJsonNull <i>optional</i>	JsonNull
asJsonObject <i>optional</i>	JsonObject
asJsonPrimitive <i>optional</i>	JsonPrimitive
asLong <i>optional</i>	integer (int64)
asNumber <i>optional</i>	Number
asShort <i>optional</i>	integer (int32)
asString <i>optional</i>	string
jsonArray <i>optional</i>	boolean
jsonNull <i>optional</i>	boolean
jsonObject <i>optional</i>	boolean
jsonPrimitive <i>optional</i>	boolean

3.8. JsonNull

Name	Schema
asBigDecimal <i>optional</i>	number

Name	Schema
asBigInteger <i>optional</i>	integer
asBoolean <i>optional</i>	boolean
asByte <i>optional</i>	string (byte)
asCharacter <i>optional</i>	string
asDouble <i>optional</i>	number (double)
asFloat <i>optional</i>	number (float)
asInt <i>optional</i>	integer (int32)
asJSONArray <i>optional</i>	JSONArray
asJsonNull <i>optional</i>	JsonNull
asJsonObject <i>optional</i>	JsonObject
asJsonPrimitive <i>optional</i>	JsonPrimitive
asLong <i>optional</i>	integer (int64)
asNumber <i>optional</i>	Number
asShort <i>optional</i>	integer (int32)
asString <i>optional</i>	string
jsonArray <i>optional</i>	boolean
jsonNull <i>optional</i>	boolean
jsonObject <i>optional</i>	boolean

Name	Schema
jsonPrimitive <i>optional</i>	boolean

3.9. JsonObject

Name	Schema
asBigDecimal <i>optional</i>	number
asBigInteger <i>optional</i>	integer
asBoolean <i>optional</i>	boolean
asByte <i>optional</i>	string (byte)
asCharacter <i>optional</i>	string
asDouble <i>optional</i>	number (double)
asFloat <i>optional</i>	number (float)
asInt <i>optional</i>	integer (int32)
asJsonArray <i>optional</i>	JsonArray
asJsonNull <i>optional</i>	JsonNull
asJsonObject <i>optional</i>	JsonObject
asJsonPrimitive <i>optional</i>	JsonPrimitive
asLong <i>optional</i>	integer (int64)
asNumber <i>optional</i>	Number
asShort <i>optional</i>	integer (int32)

Name	Schema
asString <i>optional</i>	string
jsonArray <i>optional</i>	boolean
jsonNull <i>optional</i>	boolean
jsonObject <i>optional</i>	boolean
jsonPrimitive <i>optional</i>	boolean

3.10. JsonPrimitive

Name	Schema
asBigDecimal <i>optional</i>	number
asBigInteger <i>optional</i>	integer
asBoolean <i>optional</i>	boolean
asByte <i>optional</i>	string (byte)
asCharacter <i>optional</i>	string
asDouble <i>optional</i>	number (double)
asFloat <i>optional</i>	number (float)
asInt <i>optional</i>	integer (int32)
asJsonArray <i>optional</i>	JsonArray
asJsonNull <i>optional</i>	JsonNull
asJsonObject <i>optional</i>	JsonObject

Name	Schema
asJsonPrimitive <i>optional</i>	JsonPrimitive
asLong <i>optional</i>	integer (int64)
asNumber <i>optional</i>	Number
asShort <i>optional</i>	integer (int32)
asString <i>optional</i>	string
boolean <i>optional</i>	boolean
jsonArray <i>optional</i>	boolean
jsonNull <i>optional</i>	boolean
jsonObject <i>optional</i>	boolean
jsonPrimitive <i>optional</i>	boolean
number <i>optional</i>	boolean
string <i>optional</i>	boolean

3.11. Loop

Name	Schema
components <i>optional</i>	< string, ExternalComponent > map
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
dcaeDeploymentId <i>optional</i>	string

Name	Schema
dcaeDeploymentStatusUrl <i>optional</i>	string
globalPropertiesJson <i>optional</i>	JsonObject
lastComputedState <i>optional</i>	enum (DESIGN, SUBMITTED, DEPLOYED, RUNNING, STOPPED, IN_ERROR, WAITING)
loopLogs <i>optional</i>	< LoopLog > array
loopTemplate <i>optional</i>	LoopTemplate
microServicePolicies <i>optional</i>	< MicroServicePolicy > array
modelService <i>optional</i>	Service
name <i>optional</i>	string
operationalPolicies <i>optional</i>	< OperationalPolicy > array
svgRepresentation <i>optional</i>	string
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)

3.12. LoopElementModel

Name	Schema
blueprint <i>optional</i>	string
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
dcaeBlueprintId <i>optional</i>	string

Name	Schema
loopElementType <i>optional</i>	string
name <i>optional</i>	string
policyModels <i>optional</i>	< PolicyModel > array
shortName <i>optional</i>	string
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)
usedByLoopTemplates <i>optional</i>	< LoopTemplateLoopElementModel > array

3.13. LoopLog

Name	Schema
id <i>optional</i>	integer (int64)
logComponent <i>optional</i>	string
logInstant <i>optional</i>	integer (int64)
logType <i>optional</i>	enum (INFO, WARNING, ERROR)
loop <i>optional</i>	Loop
message <i>optional</i>	string

3.14. LoopTemplate

Name	Schema
allowedLoopType <i>optional</i>	enum (OPEN, CLOSED, HYBRID)

Name	Schema
blueprint <i>optional</i>	string
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
dcaeBlueprintId <i>optional</i>	string
loopElementModelsUsed <i>optional</i>	< LoopTemplateLoopElementModel > array
maximumInstancesAllowed <i>optional</i>	integer (int32)
modelService <i>optional</i>	Service
name <i>optional</i>	string
svgRepresentation <i>optional</i>	string
uniqueBlueprint <i>optional</i>	boolean
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)

3.15. LoopTemplateLoopElementModel

Name	Schema
flowOrder <i>optional</i>	integer (int32)
loopElementModel <i>optional</i>	LoopElementModel
loopTemplate <i>optional</i>	LoopTemplate

3.16. MicroServicePolicy

Name	Schema
configurationsJson <i>optional</i>	JsonObject
context <i>optional</i>	string
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
dcaeBlueprintId <i>optional</i>	string
dcaeDeploymentId <i>optional</i>	string
dcaeDeploymentStatusUrl <i>optional</i>	string
deviceTypeScope <i>optional</i>	string
jsonRepresentation <i>optional</i>	JsonObject
loopElementModel <i>optional</i>	LoopElementModel
name <i>optional</i>	string
pdpGroup <i>optional</i>	string
pdpSubGroup <i>optional</i>	string
policyModel <i>optional</i>	PolicyModel
shared <i>optional</i>	boolean
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)

Name	Schema
usedByLoops <i>optional</i>	< Loop > array

3.17. Number

Type : object

3.18. OperationalPolicy

Name	Schema
configurationsJson <i>optional</i>	JsonObject
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
jsonRepresentation <i>optional</i>	JsonObject
loop <i>optional</i>	Loop
loopElementModel <i>optional</i>	LoopElementModel
name <i>optional</i>	string
pdpGroup <i>optional</i>	string
pdpSubGroup <i>optional</i>	string
policyModel <i>optional</i>	PolicyModel
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)

3.19. PolicyModel

Name	Schema
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
policyAcronym <i>optional</i>	string
policyModelTosca <i>optional</i>	string
policyModelType <i>optional</i>	string
policyPdpGroup <i>optional</i>	string
updatedBy <i>optional</i>	string
updatedDate <i>optional</i>	integer (int64)
usedByElementModels <i>optional</i>	< LoopElementModel > array
version <i>optional</i>	string

3.20. Service

Name	Schema
name <i>optional</i>	string
resourceDetails <i>optional</i>	JsonObject
serviceDetails <i>optional</i>	JsonObject
serviceUuid <i>optional</i>	string
version <i>optional</i>	string