COBA Version Management REST

Contents

1   Version Read Request

The COBA Version Management REST interface lists the working and released versions for a record or global list.

1.1   General Entity

Retrieves the working and released versions of a general entity record.

HTTP Method

GET

URI

http://<host>:<port>/coba/entity/listVersions/v1/<entityType>/<publicKey>
https://<host>:<port>/coba/entity/listVersions/v1/<entityType>/<publicKey>

Table 1   URI Parameters

Parameter	Description
entityType	Name of the entity type.
publicKey	Public key of the record.

Example

The following request lists **Released** or **Working** versions of general entity RateType for public key callSetup.

URI

http://<host>:<port>/coba/entity/listVersions/v1/RateType/callSetup

Response 200

[

```
  {
    "rateType": "callSetup",
    "includedInActualPrice":TRUE,
    "versionNumber": 1463980032027,
"status": "released",
    "description": "Call Setup",
    "uri": "rmref://coba/RateType/callSetup",
    "id": "callSetup",
    "validFor": [
      {
        "startDateTime": "1970-01-01T00:00:00.000+00:00",
        "endDateTime": "9999-12-31T23:59:59.000+00:00"
      }
]    },
  {
    "rateType": "callSetup",
    "includedInActualPrice":TRUE,
    "versionNumber": 1464673316028,
    "status": "working",
    "description": "Call Setup - Working State",
    "uri": "rmref://coba/RateType/callSetup",
    "id": "callSetup",
    "validFor": [
      {
        "startDateTime": "1970-01-01T00:00:00.000+00:00",
        "endDateTime": "9999-12-31T23:59:59.000+00:00"
      }
]    }
]
```

1.2 Global List

Retrieves the working and released versions of a global list.

HTTP Method

GET

URI

http://<host>:<port>/coba/globalList/listVersions/v1/{globalListSpecification
Name}/{globalListName}

https://<host>:<port>/coba/globalList/listVersions/v1/{globalListSpecificatio
nName}/{globalListName}

Table 2   URI Parameters

Parameter	Description

globalListSpecificationName	Name of the global list specification.
globalListName	Name of the global list.

Example

The following request reads if the global list `Test4Operator` is in **Released** or **Working** state.

URI

```
http://<host>:<port>/coba/globalList/listVersions/v1/Operator/Test4Ope
rator
```

Response 200

```
[{
    "globalListName": "ownOperator",
    "globalListSpecificationName": "Operator",
    "status": "released",
    "versionNumber": "6cb1b308-ed0e-473a-89c6-fa164b24cf2e",
    "validFor": [    {
        "startDateTime": "2016-01-01T00:00:00.000+00:00",
        "endDateTime": "2016-02-28T00:00:00.000+00:00"
    }],
    "records":     [
        {"operatorId": "68"},
        {"operatorId": "42"},
        {"operatorId": "77"}
    ] }]
```

1.3 Successful Response

The read response includes the status code and response in the message body.

Table 3   Response Code and Header

Field Name	Value	Description
HTTP Response Code	200 OK	The request served successfully.
Content-Type	application/json	JSON object returned in the body.
x-content-typeoptions	nosniff	This option prevents the MIMEsniffing a response other than the declared content-type.

Response Body

The response body lists the working and released versions of a record or global list.

1.4 Error Codes

The following table lists the possible error codes which may occur when retrieving versions for a global list.

Table 4   General Entity Version Read Request Error Codes

HTTP Error Code	Error Code	Message	Response	Details
404	COBAC001	Invalid EntityType	```{ "status": 404, "code": "COBAC001", "message": "Invalid EntityType", "details": "Invalid EntityType" }```	The error message is displayed if the entity type is invalid. http://<host>:<port>/coba/listEntityVersion/v1?entityType=abc&publicKey=JP
400	COBAR010	Mandatory field EntityKey is missing	```{ "status": 400, "code": "COBAR010", "message": "Mandatory field EntityKey is```	The error message is displayed if the entity key is null or empty. http://<host>:<port>/coba/listEntityVersion/v1?entityType=Country&publicKey=null http://<host>:<port>/coba/listEntityVersion/v1?entityType=Country&publicKey=""

			`missing"`
			`,`
			
			`"details`
			`":`
			`"Mandato`
			`ry field`
			`EntityKe`
			`y is`
			`missing"`
			`}`	

404	COBAR 008	Data not found	`{`
			
			`"status"`
			`: 404,`
			
			`"code":`
			`"COBAR00`
			`8",`
			
			`"message`
			`": "Data`
			`not`
			`found",`
			
			`"details`
			`": "Data`
			`not`
			`found"`
			`}`
				The error message is displayed if publick key is invalid.
				
				http://\<host>:\<port>/coba/listEntityVersion/v1?entityType =Country&publicKey=abc

404	COBAR 019	Functio n is not active	{ "status" : 404, "code": "COBAR01 9", "message ": "Functio n is not active", "details ": "Functio n is not active" }	This error message is displayed when function control is not active.

Table 5   Global List Version Read Request Error Codes

HT TP Err or Co de	Error Code	Message	Response	Details

40 4	COBA R016	Invalid EntityType or GlobalListSp ecification	{
			    "status": 404,
			    "code": "COBAC006",
			    "message": "Invalid EntityType or GlobalListSpec ification",
			"details": "Invalid EntityType or GlobalListSpec ification" }
				The error message is displayed if the global list specification is invalid, null, or empty.
				
				http://<host>:<port>/coba/globalList/listVersio ns/v1/OperatorTest/Test4Operator

40 0	COBA R013	Mandatory field GlobalList Name is missing	```
			{
			    "status":
			400,
			    "code":
			"COBAR013",
			    "message":
			"Mandatory
			field
			GlobalList
			name is
			missing",
			"details":
			"Mandatory
			field
			GlobalList
			name is
			missing"
			}
			``
				The error message is displayed if the global list name is null or empty.
				
				http://\<host>:\<port>/coba/globalList/listVersio ns/v1/Operator/null

40 4	COBA R008	Data not found	```
			{
			    "status":
			404,
			    "code":
			"COBAR008",
			    "message":
			"Data not
			found",
			    "details":
			``
				The error message is displayed if the global list name is invalid.
				
				http://\<host>:\<port>/coba/globalList/listVersio ns/v1/Operator/123

			``
			"Data not
			found"
			}
			``	

40 4	COBA R019	Function is not active.	```
			{
			    "status":
			404,
			    "code":
			"COBAR019",
			    "message":
			"Function is
			not active",
			"details":
			"Function is
			not active"
			}
			``
				This error message is displayed when function control is not active.