**docname5** VersionMgmtRest Uen A

COBA Version Management REST

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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.

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| --- | --- | --- |
| *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.

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| --- | --- | --- | --- | --- |
| *Table 4 General Entity Version Read Request Error Codes* | | | | |
| **HT**  **TP Err or**  **Co**  **de** | **Error Code** | **Messa ge** | **Response** | **Details** |
| 404 | COBAC  001 | Invalid EntityT ype | {    "status"  : 404,    "code":  "COBAC00  1",    "message  ":  "Invalid EntityTy pe",  "details  ":  "Invalid EntityTy pe" } | The error message is displayed if the entity type is invalid.    http://<host>:<port>/coba/listEntityVersion/v1?entityType =abc&publicKey=JP |
| 400 | COBAR  010 | Mandat ory field  EntityK ey is missin g | {    "status"  : 400,    "code":  "COBAR01  0",    "message  ": "Mandato ry field EntityKe y 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. | |

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