



Serena Requirements Manager 4.0 Web Services Reference

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Overview

Description

This document contains Web Service descriptions for the following services.

Web Services

Name	Description
getRMDocuments	Returns a list of all available documents in the specified Dimensions RM project. Output can be limited by a filter.
getRMCollections	Returns a list of all available collections in the specified Dimensions RM project. Output can be limited by a filter.
getRMSnapshots	Returns a list of all available snapshots in a specific Dimensions RM project. Output can be limited by a filter.

getRMDocuments Web Service

Description

Returns a list of all available documents in the specified Dimensions RM project. Output can be limited by a filter.

Type

REST

See Also

Methods

Methods: getRMDocuments

Methods

Name
getRMDocuments

Method: getRMDocuments

Action

http://{sbmServer:string}:{sbmPort:string}/ReqManager/services/rest/getRMDocuments?designMode={boolean}&dbName={string}&filter={string}&project={string}&username={string}&password={string}&server={string}&port={string}

Style

HTTP GET

Input

The inputs of this method are the arguments defined by the following table.

Argument	Type	Occurs	Description
<input type="checkbox"/> ALL		1..1	
sbmServer	string	1..1	SBM server hosting the web service.
sbmPort	string	1..1	Port of the SBM server.
designMode	boolean	1..1	Service returns sample data if enabled without connection. [true false]
dbName	string	1..1	Dimensions RM database name.
filter	string	1..1	Service returns data according to filter if specified.
project	string	1..1	Dimensions RM project name.
username	string	1..1	Username for Dimensions RM login.
password	string	1..1	User password for Dimensions RM login.
server	string	1..1	Dimensions RM server name.
port	string	1..1	Dimensions RM server port.

Output (XML)

The outputs of this method are the arguments defined by the following table.

Argument	Type	Occurs	Description
<input type="checkbox"/> ALL		1..1	
RMDocuments		1..1	Includes the ID, Name, and URL for each document.

Remarks

Below is an output example.

Example

```
<RMDocuments>
  <RMDocument>
    <nId>31</nId>
```

```
<sName>ePhoto Marketing Reqs</sName>
<sURL>
http://RQMserver/rtmBrowser/cgi-bin/rtmBrowser.exe?goto=doc&db=OALM&proj=RMDEMO&doc=ePhoto%20
Marketing%20Reqs
</sURL>
</RMDocument>
<RMDocument>
<nId>12</nId>
<sName>ePhoto Requirements</sName>
<sURL>
http://RQMserver/rtmBrowser/cgi-bin/rtmBrowser.exe?goto=doc&db=OALM&proj=RMDEMO&doc=ePhoto%20
Requirements
</sURL>
</RMDocument>
</RMDocuments>
```

getRMCollections Web Service

Description

Returns a list of all available collections in the specified Dimensions RM project. Output can be limited by a filter.

Type

REST

See Also

Methods

Methods: getRMCollections

Methods

Name
getRMCollections

Method: getRMCollections

Action

http://{sbmServer:string}:{sbmPort:string}/ReqManager/services/rest/getRMCollections?designMode={boolean}&dbName={string}&filter={string}&project={string}&username={string}&password={string}&server={string}&port={string}

Style

HTTP GET

Input

The inputs of this method are the arguments defined by the following table.

Argument	Type	Occurs	Description
<input type="checkbox"/> ALL		1..1	
sbmServer	string	1..1	SBM server hosting the web service.
sbmPort	string	1..1	Port of the SBM server.
designMode	boolean	1..1	Service returns sample data if enabled without connection. [true false]
dbName	string	1..1	Dimensions RM database name.
filter	string	1..1	Service returns data according to filter if specified.
project	string	1..1	Dimensions RM project name.
username	string	1..1	Username for Dimensions RM login.
password	string	1..1	User password for Dimensions RM login.
server	string	1..1	Dimensions RM server name.
port	string	1..1	Dimensions RM server port.

Output (XML)

The outputs of this method are the arguments defined by the following table.

Argument	Type	Occurs	Description
<input type="checkbox"/> ALL		1..1	
RMCollections		1..1	Includes the ID, Name, Type, and URL for each collection.

Remarks

Below is an output example.

Example

```
<RMCollections>
  <RMCollection>
    <id>11</id>
```

```
<name>Baseline of Engineering Hot List</name>
<type>C</type>
<url>
http://RQMserver/rtmBrowser/cgi-bin/rtmBrowser.exe?goto=collection&db=OALM&proj=RMDEMO&collection=
Baseline%20of%20Engineering%20Hot%20List
</url>
</RMCollection>
<RMCollection>
<id>5</id>
<name>Engineering Hot List</name>
<type>C</type>
<url>
http://RQMserver/rtmBrowser/cgi-bin/rtmBrowser.exe?goto=collection&db=OALM&proj=RMDEMO&collection=
Engineering%20Hot%20List
</url>
</RMCollection></RMCollections>
```

getRMSnapshots Web Service

Description

Returns a list of all available snapshots in a specific Dimensions RM project. Output can be limited by a filter.

Type

REST

See Also

Methods

Methods: getRMSnapshots

Methods

Name
getRMSnapshots

Method: getRMSnapshots

Action

http://{sbmServer:string}:{sbmPort:string}/ReqManager/services/rest/getRMSnapshots?designMode={boolean}&dbName={string}&project={string}&filter={string}&username={string}&password={string}&documentId={string}&server={string}&port={string}

Style

HTTP GET

Input

The inputs of this method are the arguments defined by the following table.

Argument	Type	Occurs	Description
ALL		1..1	
sbmServer	string	1..1	SBM server hosting the web service.
sbmPort	string	1..1	Port of the SBM server.
designMode	boolean	1..1	Service returns sample data if enabled without connection. [true false]
dbName	string	1..1	Dimensions RM database name.
project	string	1..1	Dimensions RM project name.
filter	string	1..1	Service returns data according to filter if specified.
username	string	1..1	Username for Dimensions RM login.
password	string	1..1	User password for Dimensions RM login.
documentId	string	1..1	The ID of the document for which the service will return snapshots.
server	string	1..1	Dimensions RM server name.
port	string	1..1	Dimensions RM server port.

Output (XML)

The outputs of this method are the arguments defined by the following table.

Argument	Type	Occurs	Description
ALL		1..1	
RMSnapshots		1..1	Includes the Document ID, ID, Name, and URL for each snapshot.

Remarks

Below is an output example.

Example

```
<RMSnapshots>
```

```
<RMSnapshot>
  <documentId>12</documentId>
  <id>15</id>
  <name>ePhoto Requirements 1.0</name>
  <url>
http://RQMserver/rtmBrowser/cgi-bin/rtmBrowser.exe?goto=doc&db=OALM&proj=RMDEMO&doc=ePhoto%20
Requirements%201.0
  </url>
</RMSnapshot>
<RMSnapshot>
  <documentId>12</documentId>
  <id>17</id>
  <name>ePhoto Requirements 2.0</name>
  <url>
http://RQMserver/rtmBrowser/cgi-bin/rtmBrowser.exe?goto=doc&db=OALM&proj=RMDEMO&doc=ePhoto%20
Requirements%202.0
  </url>
</RMSnapshot></RMSnapshots>
```

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