

Using BarcoRESTdiagnostics.html

Prerequisites:

You have a Management Server with a user and web client resource added.

You have access to the REST API documentation. (SDKIMAGES\doc\API-BARCO-Rest-JSON.pdf)

Fields on the html page:

1. **IPaddress:** Update your Management Server IP
2. **User:** Enter the username for an existing user.
3. **Password:** Enter password for above user.
4. **Resource:** Resource is the web client resource existing in the MS.
5. **Service version:** Service version is the current service version of your MS.
6. **Login:** Link to login the user with above details
7. **Logout:** Link for user logout
8. **URL:** Enter your REST URL here.
9. **Accept Header:** The format in which you expect your response from server (e.g. application/json)
10. **HTTP Method:** Allows to choose the method type for your REST request.
11. **SUBMIT:** Used to submit your REST requests
12. **Request:** Hidden box, which is visible when request method is POST. Add your request body here for POST/PUT requests.
13. **Response:** Displays the response for your REST request.
14. **Notifications:** Displays the notifications being sent by server.

Steps for testing the API

Login:

1. Enter correct details for fields 1 through 5 and hit Login.
2. Should see a response in the Response field.
3. Should see a notification channel setup in the Notifications field.

GetPort:

1. Enter <http://<MSIP>/controller/Resource/Port> in the URL field.
2. Select the HTTP Method as GET

3. Hit SUBMIT.
4. Should see a list of ports that user is allowed to see in the Response field.

GetFile:

1. Enter <http://<MSIP>/controller/Resource/File> in the URL field.
2. Select the HTTP Method as GET
3. Hit SUBMIT.
4. Should see a list of files that user is allowed to see in the Response field.

View:

1. Enter <http://<MSIP>/controller/Session> in the URL field.
2. Select the HTTP Method as POST
3. In the Request text area, add your request body. E.g. {"View":{"SrcPort":{"@portTitle":"tx1"}, "DstPort":{"@portTitle":"rx1"}} }
4. Hit SUBMIT.
5. Should see a response in the Response field with session information.
6. Should see connection updates being sent by server in the Notifications field.

Tutorial

To see a sample tutorial on the use of REST API to make a set of basic API calls, please refer the REST API documentation in the SDK. (SDKIMAGES\doc\API-BARCO-Rest-JSON.pdf)

To debug or view the communication logs use the browsers development tools.

***NOTE:**

This is qualified for Google Chrome and IE-9. When loading the page in IE-9 please ensure you are **NOT** running the page in compatibility view mode.

The BarcoRESTdiagnostics.html is a pure JavaScript implementation using XMLHttpRequests and does not use a JQuery or any other 3rd party library.