

Use Firefox's Firebug Addon to Debug EBI 3 Webservices

In our previous tech memo, we looked at [Creating REST Webservices Provider in less than 15 Minutes](#). The instructions below, are a continuation of the previous post and shows users how to use **Firefox's Firebug add-on** to test the REST Webservice Provider we just created.

In our scenario, the EBI 3 REST Webservice will be returning the EBI ProcessID as a property in the **Response Headers**. With help from Firebug, we will be able to see the ProcessID property.

Note: Users will need to download the Firefox browser to be able to use the instructions below.

1 DOWNLOAD FIREFOX'S FIREBUG ADDON

The first step the EBI user needs to take is download **Firefox's Firebug**.

It can be downloaded here: <https://addons.mozilla.org/en-US/firefox/addon/firebug/>

A screenshot of the Firefox Add-ons website. At the top, it says 'ADD-ONS' with sub-links for 'EXTENSIONS', 'THEMES', 'COLLECTIONS', and 'MORE...'. Below that, a breadcrumb trail shows 'Home > Extensions > Firebug'. The main content area features the 'Firebug 2.0.4' add-on card. It includes a small bug icon, the version number '2.0.4', and a 'NO RESTART' badge. The author is listed as 'by Joe Hewitt, Jan Odvarko, robcee, FirebugWorkingGroup'. A short description reads: 'Firebug integrates with Firefox to put a wealth of development tools at your disposal while you browse. You can edit, debug, and monitor CSS, JavaScript, and any web page...'. At the bottom of the card is a green button that says '+ Add to Firefox'.

2 START WEBSERVICE PROVIDER

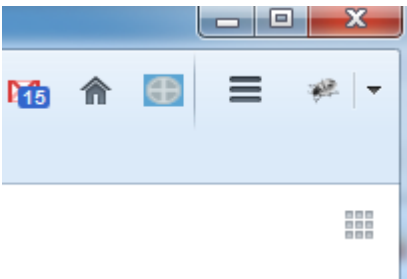
We will want to start the EB1 3 Webservice Provider, if it has not started.

Users can refer to [Starting Local Server](#) in the previous tech memo: . 114293-1 - [Create REST Webservices Provider in less than 15 Minutes](#)

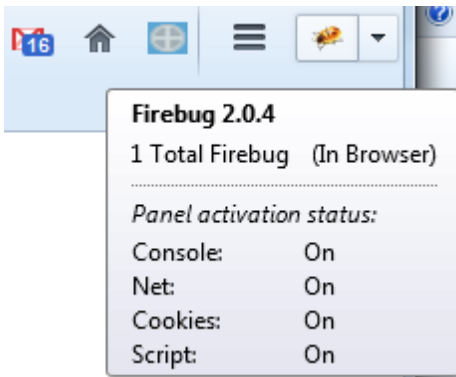
3 ACTIVATE FIREFOX'S FIREBUG

Open up the Firefox Browser and activate **Firebug**

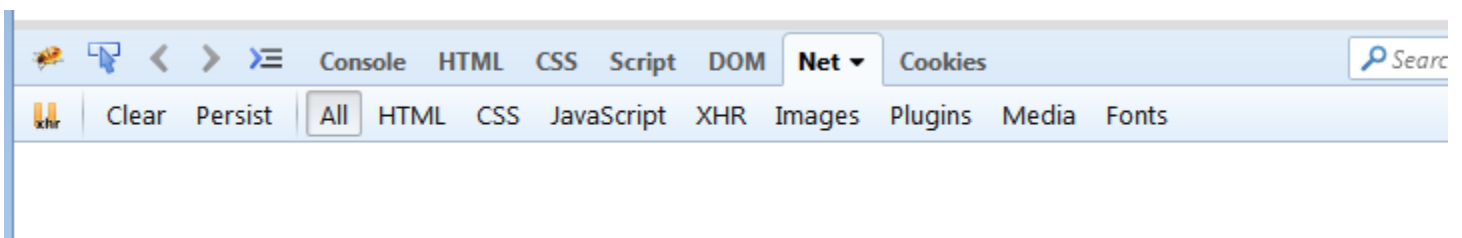
Initially, the Firebug icon might be greyed out (below)



If the Firebug icon is greyed out, click on it, to **activate Firebug** (below)



Once Firebug is activated, we should see a lower **control panel for Firebug**.



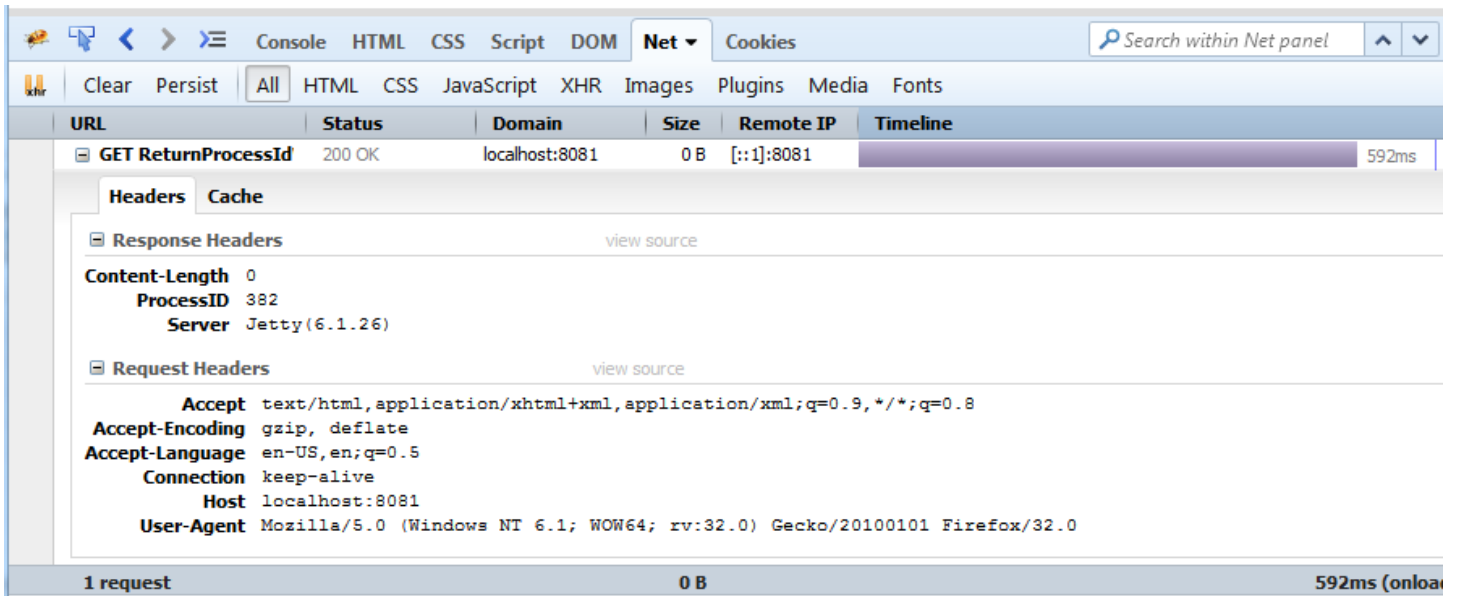
4 TEST EB13 WEBSERVICE

Once the EXTOL Webservice Monitor is started and Firebug is active, we can **input the Webservice URL** into the browser.

In this case we will use: **http://localhost:8081/ReturnProcessIdWSPRest**

After hitting ENTER we should see Firebug's control panel below. We will want to expand the request **GET ReturnProcessId**. Once expanded we will see **Response Headers** and then "ProcessID"

The "ProcessID" of 382 should match the processID within EXTOL Business Integrator 3.



The screenshot shows the Firebug Net panel for a GET request to localhost:8081. The response status is 200 OK. The response headers are:

- Content-Length: 0
- ProcessID: 382
- Server: Jetty(6.1.26)

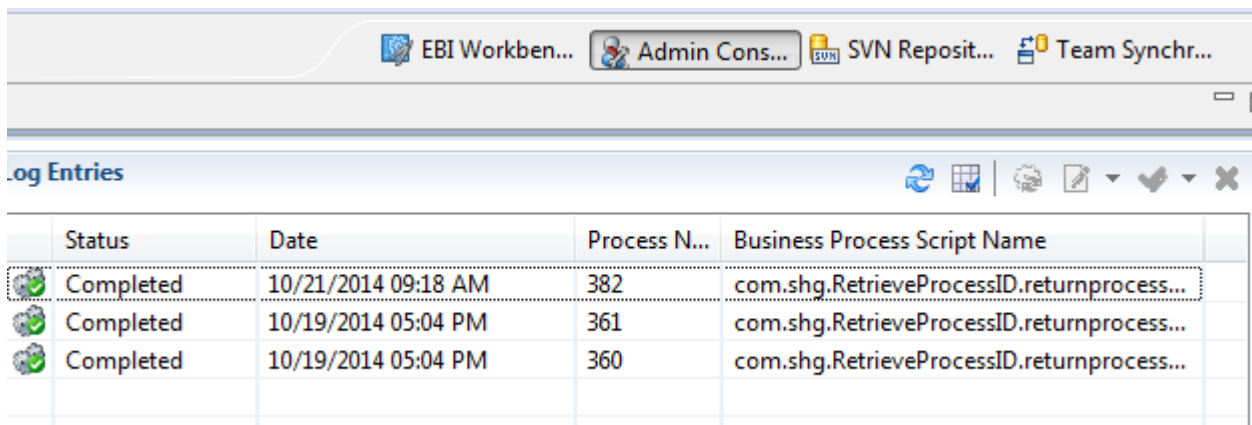
The request headers are:

- Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
- Accept-Encoding: gzip, deflate
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: localhost:8081
- User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:32.0) Gecko/20100101 Firefox/32.0

5 CONFIRM EB13 WEBSERVICE TEST

To confirm the ProcessID is correct, we will review the Auditor in the **Admin Console**.

In the example below, the ProcessID value of 382 matches the value in Firebug's Response Headers Section.



| Status | Date | Process N... | Business Process Script Name |
|-----------|---------------------|--------------|--|
| Completed | 10/21/2014 09:18 AM | 382 | com.shg.RetrieveProcessID.returnprocess... |
| Completed | 10/19/2014 05:04 PM | 361 | com.shg.RetrieveProcessID.returnprocess... |
| Completed | 10/19/2014 05:04 PM | 360 | com.shg.RetrieveProcessID.returnprocess... |

6 CONNECTION ERROR TO EBI 3 WEBSERVICE

If there is an error when trying to connect to the EBI Webservice, users will see the following screen below:

Axis2 :: Resource not found! × +



Requested resource not found!