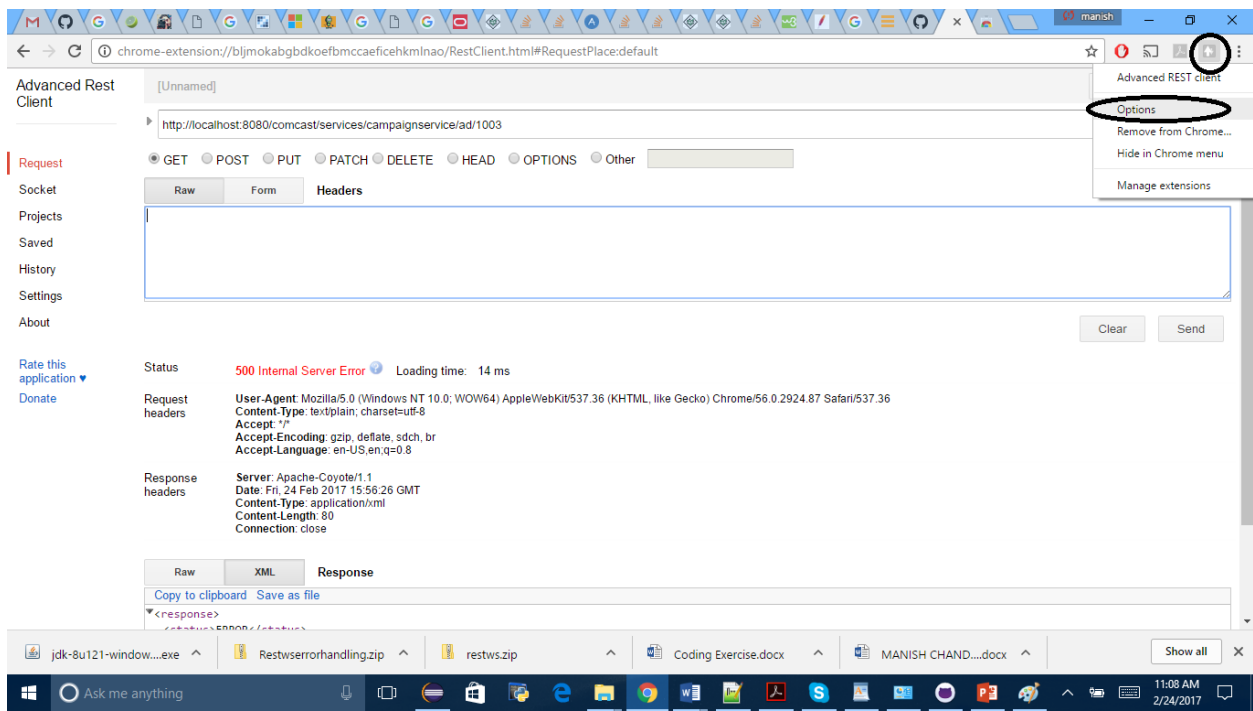


## Comcast Web Service

Steps to follow to run to web service.

1. Install the “Advanced REST Client” plugin in google chrome.
  2. Import the project as Maven project from Github @ <https://github.com/manishchandra1801/comcast> in Eclipse
  3. Set project runtime to Tomcat 8.0 in Eclipse.
  4. Update maven project and add maven dependencies in Eclipse
  5. Run on Tomcat Server using Eclipse.
4. Now open the “Advanced REST Client” in google chrome by clicking on “options”



6. Now enter the following URL:

<http://localhost:8080/comcast/services/campaignservice/ad>

-Select POST

-send this data

\*\*\*\*\*

<Campaign>

<partner\_id>1000</partner\_id>

<duration>60</duration>

<ad\_content>Atticus is my pet</ad\_content>

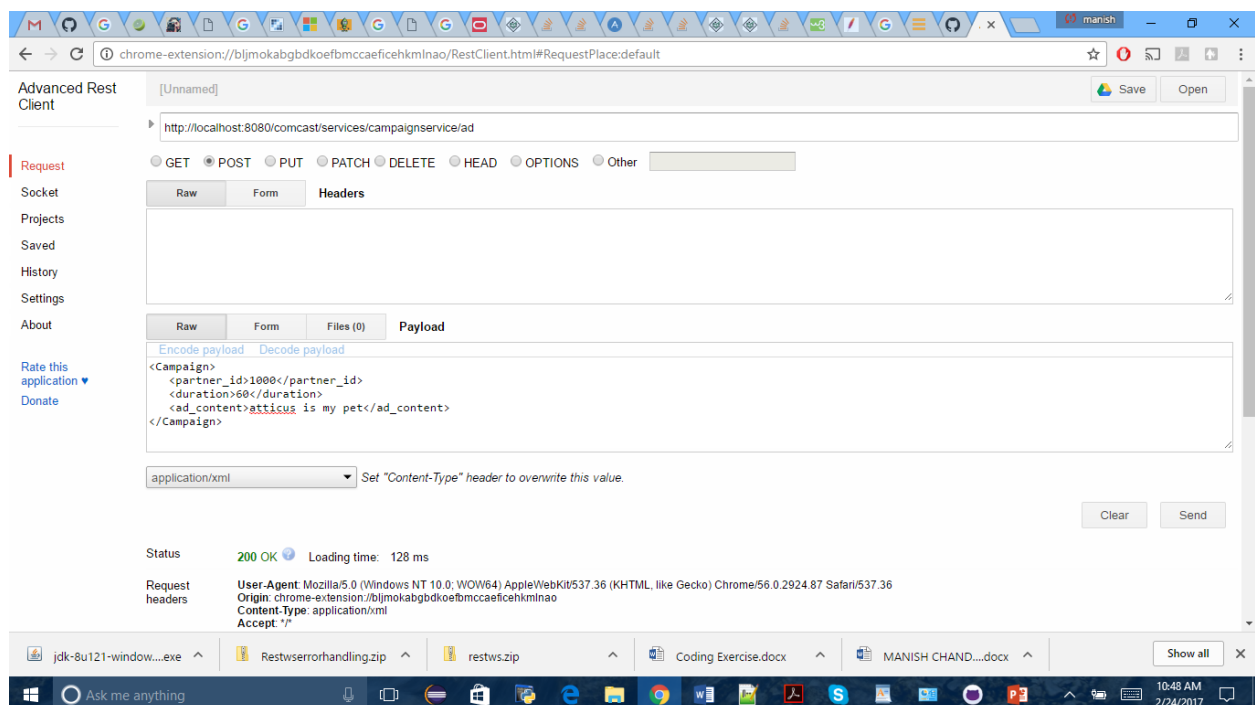
</Campaign>

Or

```
{ "partner_id":"1000", "duration":60,"ad_content":"atticus is my pet" }
```

\*\*\*\*\*

-Hit "Send"



7. Now enter the following URL:

<http://localhost:8080/comcast/services/campaignservice/ad/1000>

-Depending on the time constrain the corresponding output is displayed.

-Get request Before Timeout(XML):

Advanced Rest Client

Request: <http://localhost:8080/comcast/services/campaignservice/ad/1003>

Method: GET

Headers:

Status: 200 OK Loading time: 13 ms

Request headers:

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87 Safari/537.36  
Content-Type: text/plain; charset=utf-8  
Accept: \*/\*  
Accept-Encoding: gzip, deflate, sdch, br  
Accept-Language: en-US,en;q=0.8

Response headers:

Server: Apache-Coyote/1.1  
Date: Fri, 24 Feb 2017 15:55:31 GMT  
Content-Type: application/xml  
Content-Length: 266

Response:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<Campaign>
```

Advanced Rest Client

Request: <http://localhost:8080/comcast/services/campaignservice/ad/1003>

Method: GET

Headers:

Status: 200 OK Loading time: 13 ms

Request headers:

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87 Safari/537.36  
Content-Type: text/plain; charset=utf-8  
Accept: \*/\*  
Accept-Encoding: gzip, deflate, sdch, br  
Accept-Language: en-US,en;q=0.8

Response headers:

Server: Apache-Coyote/1.1  
Date: Fri, 24 Feb 2017 15:55:31 GMT  
Content-Type: application/xml  
Content-Length: 266

Response:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<Campaign>
  <ad_content>atticus is my cuteest dog</ad_content>
  <campaign_id>4</campaign_id>
  <creation_time>2017-02-24T10:56:18.007-05:00</creation_time>
  <duration>60</duration>
  <partner_id>1003</partner_id>
</Campaign>
```

## -Get Request After Timeout(XML):

The screenshot shows the Advanced Rest Client interface. The URL bar contains `chrome-extension://bljmokabgdbkoeofbmccaefcehkmnao/RestClient.html#RequestPlace:default`. The URL field is set to `http://localhost:8080/comcast/services/campaignservice/ad/1003`. The method is `GET`. The status is `500 Internal Server Error` with a loading time of 14 ms. The request headers are: `User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87 Safari/537.36`, `Content-Type: text/plain; charset=utf-8`, `Accept: */*`, `Accept-Encoding: gzip, deflate, sdch, br`, and `Accept-Language: en-US,en;q=0.8`. The response headers are: `Server: Apache-Coyote/1.1`, `Date: Fri, 24 Feb 2017 15:56:26 GMT`, `Content-Type: application/xml`, and `Content-Length: 80`. The response body is shown in XML format: `<response></response>`.

The screenshot shows the Advanced Rest Client interface. The URL bar contains `chrome-extension://bljmokabgdbkoeofbmccaefcehkmnao/RestClient.html#RequestPlace:default`. The URL field is set to `http://localhost:8080/comcast/services/campaignservice/ad/1003`. The method is `GET`. The status is `500 Internal Server Error` with a loading time of 14 ms. The request headers are: `User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87 Safari/537.36`, `Content-Type: text/plain; charset=utf-8`, `Accept: */*`, `Accept-Encoding: gzip, deflate, sdch, br`, and `Accept-Language: en-US,en;q=0.8`. The response headers are: `Server: Apache-Coyote/1.1`, `Date: Fri, 24 Feb 2017 15:56:26 GMT`, `Content-Type: application/xml`, and `Content-Length: 80`. The response body is shown in XML format: `<response><status>ERROR</status><message>No active campaign</message></response>`.

-POST while a campaign is active(json):

The screenshot displays the Advanced Rest Client interface in a web browser. The URL bar shows the extension's REST client interface. The interface is divided into several sections:

- Request:** The URL is `http://localhost:8080/comcast/services/campaignservice/ad`. The method is set to **POST**. The headers section is empty.
- Payload:** The payload is a JSON object: `{ "partner_id": "atticus", "duration": 60, "ad_content": "atticus is my pet" }`. The content type is set to `application/json`.
- Status:** The status is **200 OK** with a loading time of 30 ms.
- Request headers:** `User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87 Safari/537.36`  
`Origin: chrome-extension://bljmokabgdbkcoefbmccaefcehkmnao`  
`Content-Type: application/json`  
`Accept: */*`
- Response headers:** `Server: Apache-Coyote/1.1`  
`Date: Sat, 25 Feb 2017 04:36:33 GMT`  
`Content-Type: application/xml`  
`Content-Length: 93`  
`Connection: close`
- Response:** The response is an XML document: `<?xml version='1.0' encoding='UTF-8'><response><status>ERROR</status><message>Already have an active campaign</message></response>`

The interface also includes a sidebar with navigation options like Request, Socket, Projects, Saved, History, Settings, and About. The bottom of the browser shows the Windows taskbar with various application icons and the system clock indicating 11:37 PM on 2/24/2017.

- POST while no campaign is active (json):

The image displays two screenshots of the Advanced Rest Client application. The top screenshot shows a POST request to the URL `http://localhost:8080/comcast/services/campaignservice/ad`. The request body is a JSON object: `{ "partner_id": "atticus", "duration": 60, "ad_content": "atticus is my pet" }`. The status is 200 OK with a loading time of 13 ms. The bottom screenshot shows the response body in JSON format: `{ "partner_id": "atticus", "duration": 60, "ad_content": "atticus is my pet", "active": true, "creation_and_duration_time": 1487997387138, "campaign_id": 3 }`. The response status is also 200 OK with a loading time of 13 ms.

Advanced Rest Client

Request

Socket

Projects

Saved

History

Settings

About

Rate this application

Donate

http://localhost:8080/comcast/services/campaignservice/ad

GET POST PUT PATCH DELETE HEAD OPTIONS Other

Raw Form Headers

Refresh

Raw Form Files (0) Payload

Encode payload Decode payload

`{ "partner_id": "atticus", "duration": 60, "ad_content": "atticus is my pet" }`

application/json Set "Content-Type" header to overwrite this value.

Clear Send

Status 200 OK Loading time: 13 ms

Request headers

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87 Safari/537.36

Origin: chrome-extension://bljmokabgdbkoeifbmccaeicehkmnao

Content-Type: application/json

Accept: \*/\*

MANISH CHAND...docx comcast.pdf jdk-8u121-window...exe Restwserrorhandling.zip restws.zip Show all

Ask me anything 11:35 PM 2/24/2017

chrome-extension://bljmokabgdbkoeifbmccaeicehkmnao/RestClient.html#RequestPlace:default

application/json Set "Content-Type" header to overwrite this value.

Refresh Clear Send

Status 200 OK Loading time: 13 ms

Request headers

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87 Safari/537.36

Origin: chrome-extension://bljmokabgdbkoeifbmccaeicehkmnao

Content-Type: application/json

Accept: \*/\*

Accept-Encoding: gzip, deflate, br

Accept-Language: en-US,en;q=0.8

Response headers

Server: Apache-Coyote/1.1

Date: Sat, 25 Feb 2017 04:35:27 GMT

Content-Type: application/json

Transfer-Encoding: chunked

Raw JSON Response

Copy to clipboard Save as file

`{ "partner_id": "atticus", "duration": 60, "ad_content": "atticus is my pet", "active": true, "creation_and_duration_time": 1487997387138, "campaign_id": 3 }`

MANISH CHAND...docx comcast.pdf jdk-8u121-window...exe Restwserrorhandling.zip restws.zip Show all

Ask me anything 11:36 PM 2/24/2017

## Note :

1. The Bonus to present a URL for all available campaigns is  
- <http://localhost:8080/comcast/services/campaignservice/ad/GETall>

- 2.** The Bonus to allow multiple campaigns to one partner is added(one active campaign and rest inactive campaigns)