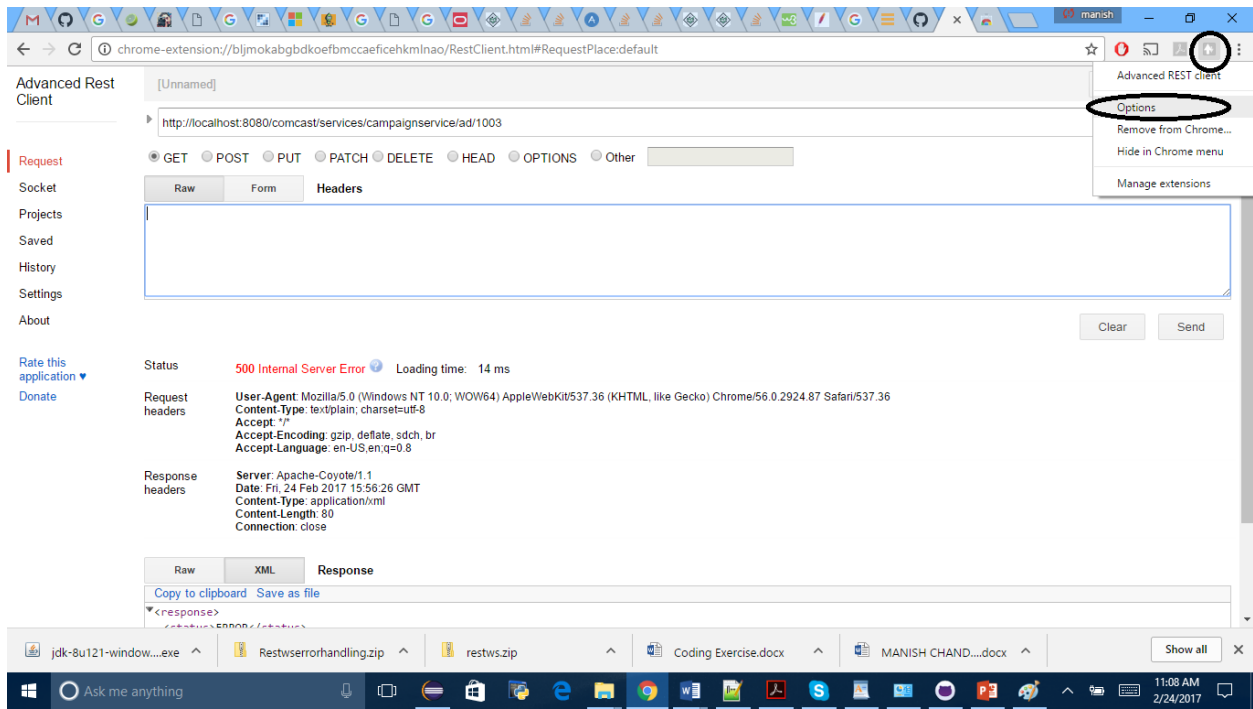


Comcast Web Service

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>

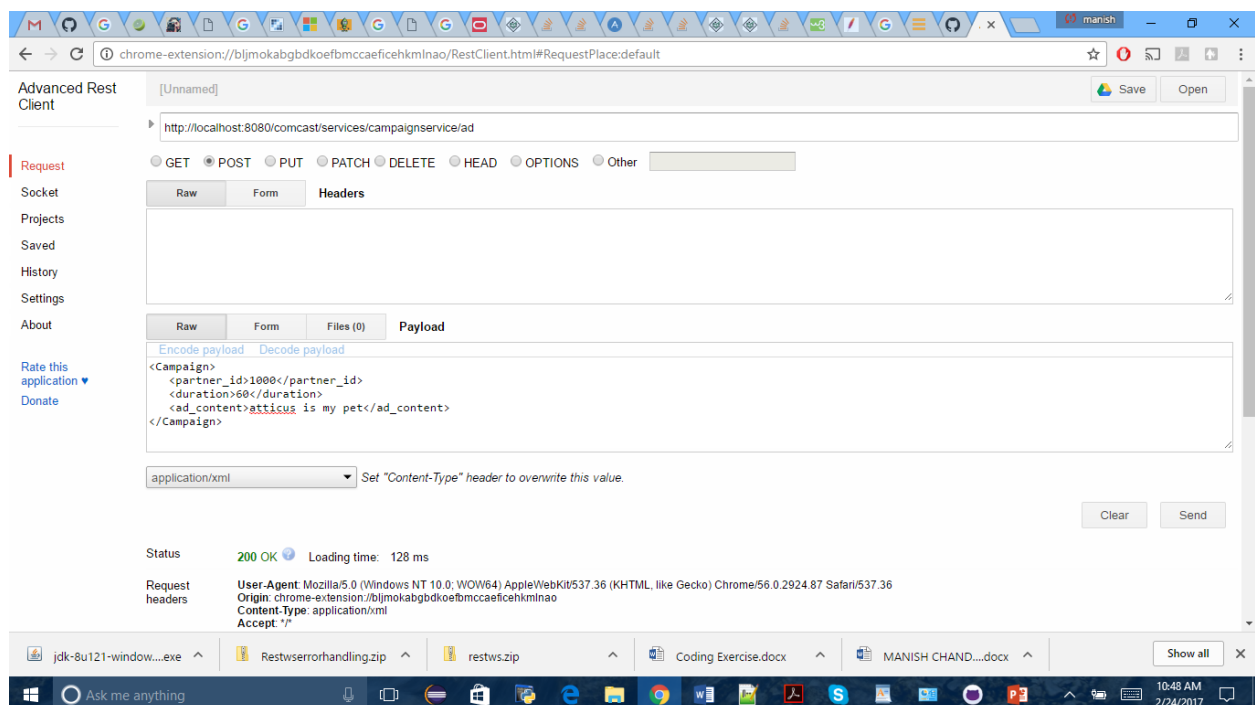
<ad_content>Atticus is my pet</ad_content>

</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 the address: `chrome-extension://bljmokabgdbkoeofbmccaefcehkmnao/RestClient.html#RequestPlace:default`. The request is configured with the following details:

- Method: GET
- URL: `http://localhost:8080/comcast/services/campaignservice/ad/1003`
- Headers: (Empty)

The response 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
- 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
- Content-Length: 80
- Connection: close

The response body is shown in XML format:

```
<response>
</response>
```

The screenshot shows the Advanced Rest Client interface. The URL bar contains the address: `chrome-extension://bljmokabgdbkoeofbmccaefcehkmnao/RestClient.html#RequestPlace:default`. The request is configured with the following details:

- Method: GET
- URL: `http://localhost:8080/comcast/services/campaignservice/ad/1003`
- Headers: (Empty)

The response 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
- 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
- Content-Length: 80
- Connection: close

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 address: `chrome-extension://bljmokabgdbkcoefbmccaefcehkmnao/RestClient.html#RequestPlace:default`.

Request Configuration:

- Method:** POST
- URL:** `http://localhost:8080/comcast/services/campaignservice/ad`
- Headers:** `application/json`
- Payload:** `{ "partner_id": "atticus", "duration": 60, "ad_content": "atticus is my pet" }`

Response Details:

- Status:** 200 OK
- 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 Body (XML):

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <status>ERROR</status>
  <message>Already have an active campaign</message>
</response>
```

- POST while no campaign is active (json):

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: */*

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}
```

Note :

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