***API testing Project***

Hi Team,

I created this project to test Brand API – Get, Post, Put, Delete, Count.

Language used: Java

Libraries used: RestAssured

Testing Framework: TestNG

Machine used: Mac OS X Yosemite (10.10.5)

Eclipse version: Version: Mars.1 Release (4.5.1) Build id: 20150924-1200

Project Dependencies:

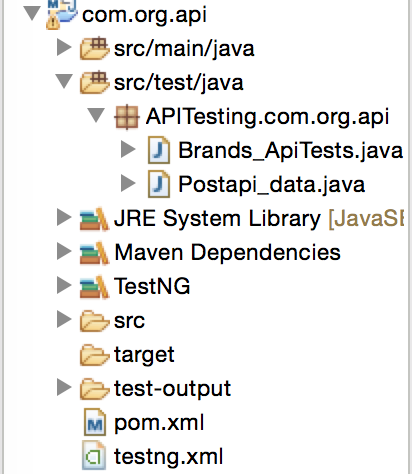
* testng
* rest-assured
* json-path
* json-schema-validator
* commons-io

My Store API link : <https://store-ybmmysy2kr.mybigcommerce.com/api/v2/>

API Token: f74c95e01f047baf95b5d0b43829948222e31d8c

Project code Location: **https://github.com/dhijaj/com.org.api**

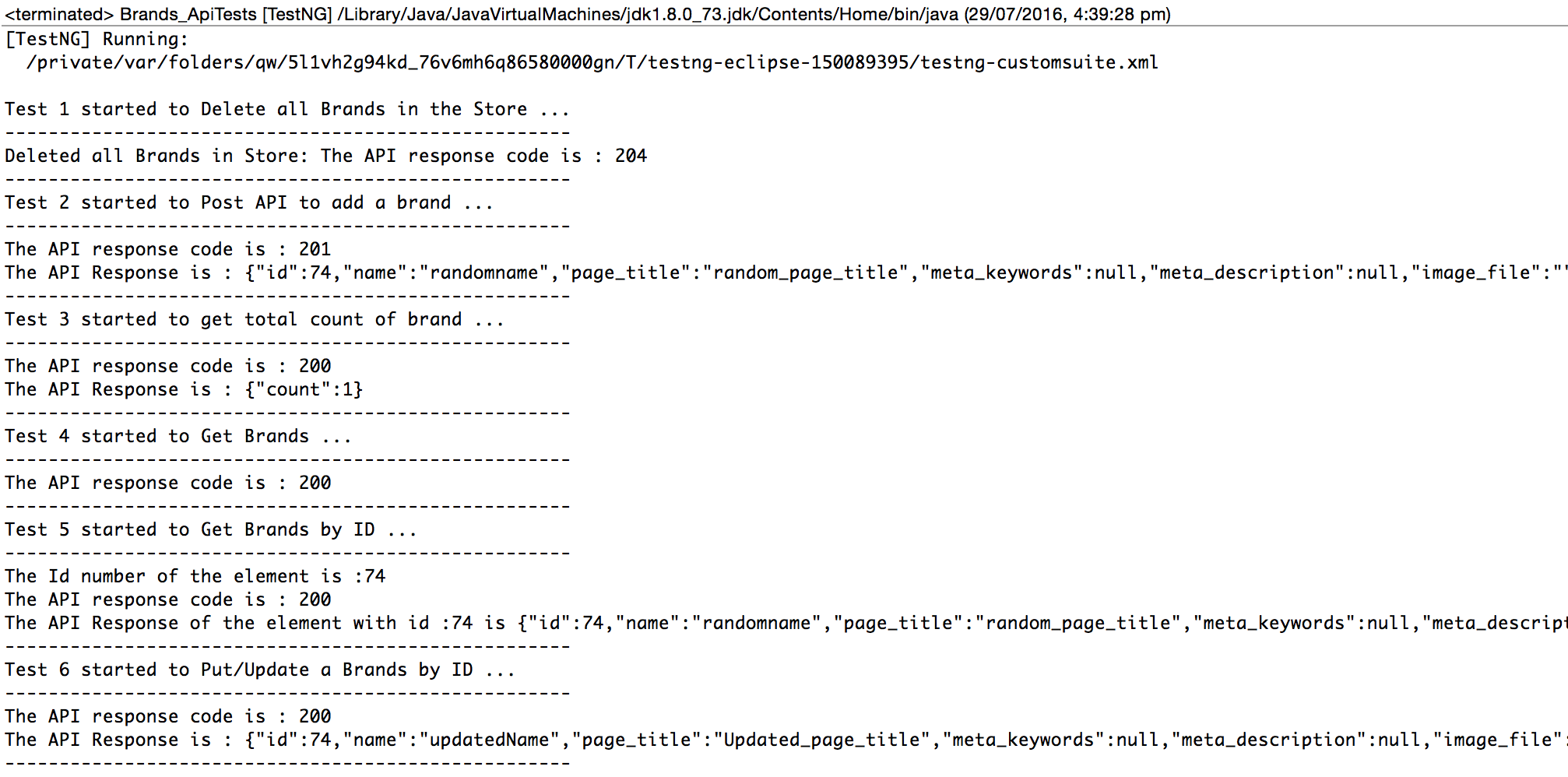
Folder structure:



**How to Run:**

1. Clone the project to the work space.
2. Add dependencies as per the POM file
3. Build the project to get the Jars installed in the maven repository
4. Run the Brands\_ApiTests.java

**Console shall display the print logs.**



***Test 1:***

This test will ***delete all brands*** that are in the store. API response code is displayed to confirm

Used: DELETE /api/v2/brands

***Test 2:***

This test will ***Post a brand*** to the store. API response code is displayed to confirm. Also printed the added brand response.

Used: POST /api/v2/brands

***Test 3:***

This test will display the ***count of brands*** in the store. API response code is displayed to confirm. Also printed the added brand count response.

Used: GET /api/v2/brands/count

***Test 4:***

This test is to ***Get the brands*** in the store. API response code is displayed to confirm. Also printed the added brand response.

Used: GET /api/v2/brands/

***Test 5:***

This test is to ***Get the brand by id*** in the store. Wrote this project to demonstrate the usage of all the apis. Hence created this flow. This would have only one brand at this stage. So retrieved the id of that brand and used to update the data using id.

When more than one brands are there, we can use a recursive mechanism or any other retrieving mechanism to get the id of one particular band and use the ID. Also printed the added brand response.

Used: GET /api/v2/brands/{id}

***Test 6:***

This test is to ***put/update the brand by id*** in the store. Retrieved a data id and sent that id to update the fields.

Used: PUT /api/v2/brands/{id}

***Test 7:***

This test is to ***Delete the brand by id*** in the store. Retrieved a data id and sent that id to update the fields.

Used: DELETE /api/v2/brands/{id}

**TestNG Results:**

