

Handling the Test Data and Executing It in Multiple Environments for User Module of an Application

Source code:

GETDemo :

```
package in.Simplilearn.RestAssuredDemo;

import org.testng.annotations.Test;
import io.restassured.RestAssured;

public class GETDemo {

    @Test
    public void getServerResponse() {
        RestAssured
            .when()
            .get("https://restcountries.com/v3.1/all")
            .then()
            .assertThat()
            .statusCode(200)
            .log().all();
    }
}
```

PUTDemo:

```
package in.Simplilearn.RestAssuredDemo;

import java.util.HashMap;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;
import io.restassured.RestAssured;

public class PUTDemo {

    HashMap<String, String> map = new HashMap<String, String>();

    @BeforeMethod
    public void createPayLoad() {
        map.put("name", "morpheus");
        map.put("job", "programmer");
        RestAssured.baseURI = "https://reqres.in/";
        RestAssured.basePath = "/api/users/694";
    }

    @Test
    public void createResource() {
        RestAssured
            .given()
            .contentType("application/json")
            .body(map)
            .when()
            .put()
            .then()
    }
}
```

```

        .statusCode(200)
        .log().all();
    }
}

```

POSTDemo :

```

package in.Simplilearn.RestAssuredDemo;

import java.util.HashMap;

import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class POSTDemo {

    HashMap<String, String> map = new HashMap<String, String>();

    @BeforeMethod
    public void createPayLoad() {
        map.put("name", "morpheus");
        map.put("job", "painter");
        RestAssured.baseURI = "https://reqres.in/";
        RestAssured.basePath = "/api/users";
    }

    @Test
    public void createResource() {
        RestAssured
            .given()
            .contentType("application/json")
            .body(map)
            .when()
            .post()
            .then()
            .statusCode(201)
            .log().all();
    }
}

```

DELETEDemo :

```

package in.Simplilearn.RestAssuredDemo;

import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class DeleteDemo {

    @Test
    public void deleteResource() {

```

```
RestAssured.baseURI = "https://reqres.in/";  
RestAssured.basePath = "/api/users/694";
```

```
RestAssured  
    .when()  
    .delete()  
    .then()  
    .statusCode(204);
```

```
}
```

```
}
```