

Aim: To perform the demonstrate OAuth authorization in REST API using REST assured.

CODE:

```
package restAssurescripts;

import org.testng.Assert;
import org.testng.annotations.Test;

import io.restassured.RestAssured;
import io.restassured.response.Response;

public class Script009PayPalOAuth2 {

    String accessToken;

    @Test(priority='1')
    public void GetAccessToken()
    {
        String clientId = "AZ5SJTYFDG7mkWIS9cR3Ld-4ZISSFZXVwI7OqoIEHsjm-
KVFqQgb5tp0_oRPt9gmNWile3JO0b7Zf9tn";

        String clientSecret = "EAM1k_e0XIVyvHK6_80SaZhA-yvXYD70f6-49f-l6C8EePtaytw66yYuZSjbbGe-
U4M-4hZ8gG2y2EXT";

        Response res = RestAssured.given()

            .baseUrl("https://api-m.sandbox.paypal.com")

            .basePath("/v1/oauth2/token")

            .auth().preemptive().basic(clientId, clientSecret)
```

```
.param("grant_type", "client_credentials")  
.when().post();
```

```
Assert.assertEquals(res.statusCode(), 200);
```

```
accessToken = res.getBody().path("access_token");
```

```
System.out.println(accessToken);
```

```
}
```

```
@Test(priority='2')
```

```
public void paypalTestAPI()
```

```
{
```

```
Response res = RestAssured.given()
```

```
    .baseUrl("https://api-m.sandbox.paypal.com")
```

```
    .basePath("/v1/invoicing/invoices")
```

```
    .queryParams("page", "3")
```

```
    .queryParams("page_size", "4")
```

```
    .queryParams("total_count_required", true)
```

```
    .auth().oauth2(accessToken)
```

```
    .when().get();
```

```
res.prettyPrint();
```

}

}

OUTPUTS:

