**Handle OAuth Authorization in REST API Using REST Assured**

**Source Code**

package RestAssuredScripts;

import org.testng.Assert;

import org.testng.annotations.Test;

import io.restassured.RestAssured;

import io.restassured.response.Response;

public class Script09\_oauth2 {

String accessToken;

@Test(priority='1')

public void GetAccessToekn()

{

String clientID = "AYezS7RdFg0F-WXQRYDcu7tKOXn3t00y9yQwfgfHFmg4JPpILcGo8DONcBUtedp2tfPyECCK9nlJ-Vlb";

String clinetsecret = "EBvWXywcnIPNNwZhp46YERSLWglI0PG4DmBNzhgcgqCzcvLHWNFBrLD1uanC4zdnomE2lxwbrxViJCYN";

Response res = RestAssured.given()

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

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

.auth().preemptive().basic(clientID, clinetsecret)

.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()

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

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

.queryParam("page", "3")

.queryParam("page\_size", "4")

.queryParam("total\_count\_required", true)

.auth().oauth2(accessToken)

.when().get();

res.prettyPrint();

}

}

**Output**

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