Generate client side code using Swagger Codegen

**For product microservice:**

**Run the below command**

java -jar swagger-codegen-cli-2.2.2.jar generate

-i http://localhost:8788/v2/api-docs.json

-l java

-o productclient

The generated code will be located under ./productclient in the current directory.

**in productclient:**

**Run the below command**

mvn package

it shows Build Success and creates swagger-java-client-1.0.0.jar

**creating dependency using jar:**

mvn install:install-file -Dfile=target/swagger-java-client-1.0.0.jar

-DgroupId=product.client -DartifactId=swagger-product-client -Dversion=1.0.0 -Dpackaging=jar

**Created dependency is:**

<dependency>

<groupId>product.client</groupId>

<artifactId>swagger-product-client</artifactId>

<version>1.0.0</version>

</dependency>

**For Customer microservice:**

**Run the below command**

java -jar swagger-codegen-cli-2.2.2.jar generate

-i http://localhost:8767/v2/api-docs.json

-l java

-o customerclient

The generated code will be located under ./customerclient in the current directory.

**in Customerclient:**

**Run the below command**

mvn package

it shows Build Success and creates swagger-java-client-1.0.0.jar

**creating dependency using jar:**

mvn install:install-file -Dfile=target/swagger-java-client-1.0.0.jar

-DgroupId=customer.client -DartifactId=swagger-customer-client -Dversion=1.0.0 -Dpackaging=jar

**Created dependency is:**

<dependency>

<groupId>customer.client</groupId>

<artifactId>swagger-customer-client</artifactId>

<version>1.0.0</version>

</dependency

**For ShoppinCart microservice:**

**Run the below command**

java -jar swagger-codegen-cli-2.2.2.jar generate

-i http://localhost:8766/v2/api-docs.json

-l java

-o shoppingcartclient

The generated code will be located under ./shoppingcartclient in the current directory.

**in shoppingcartclient:**

**Run the below command**

mvn package

it shows Build Success and creates swagger-java-client-1.0.0.jar

**creating dependency using jar:**

mvn install:install-file -Dfile=target/swagger-java-client-1.0.0.jar

-DgroupId=shoping.client -DartifactId=swagger-shoping-client -Dversion=1.0.0 -Dpackaging=jar

**Created dependency is:**

<dependency>

<groupId>shoping.client</groupId>

<artifactId>swagger-shoping-client</artifactId>

<version>1.0.0</version>

</dependency>

**For checkout microservice:**

**Run the below command**

java -jar swagger-codegen-cli-2.2.2.jar generate

-i http://localhost:8764/v2/api-docs.json

-l java

-o checkoutclient

The generated code will be located under ./checkoutclient in the current directory.

**in checkoutclient:**

**Run the below command**

mvn package

it shows Build Success and creates swagger-java-client-1.0.0.jar

**creating dependency using jar:**

mvn install:install-file -Dfile=target/swagger-java-client-1.0.0.jar

-DgroupId=checkout.client -DartifactId=swagger-checkout-client -Dversion=1.0.0 -Dpackaging=jar

**Created dependency is:**

<dependency>

<groupId>checkout.client</groupId>

<artifactId>swagger-checkout-client</artifactId>

<version>1.0.0</version>

</dependency>

Generating Stub services using above Dependencies

* Now all the hard part is done. Simply import the generated client side code into your preferred IDE by adding dependency to POM file.
* You can find a package called *io.swagger.client.api*and there should be three our controller classes.
* Using these three classes you can do anything you want.

For Example in ProductStubService:

import io.swagger.client.api.ProductControllerApi;

@RestController

@RequestMapping(value= "/products")

public class ProductStubController extends ProductControllerApi

{

@Override

@RequestMapping(value="/all",method= RequestMethod.GET)

public List<Product> findAllUsingGET() throws ApiException

{

//here we can write our own logic and return

}

}