Getting Started

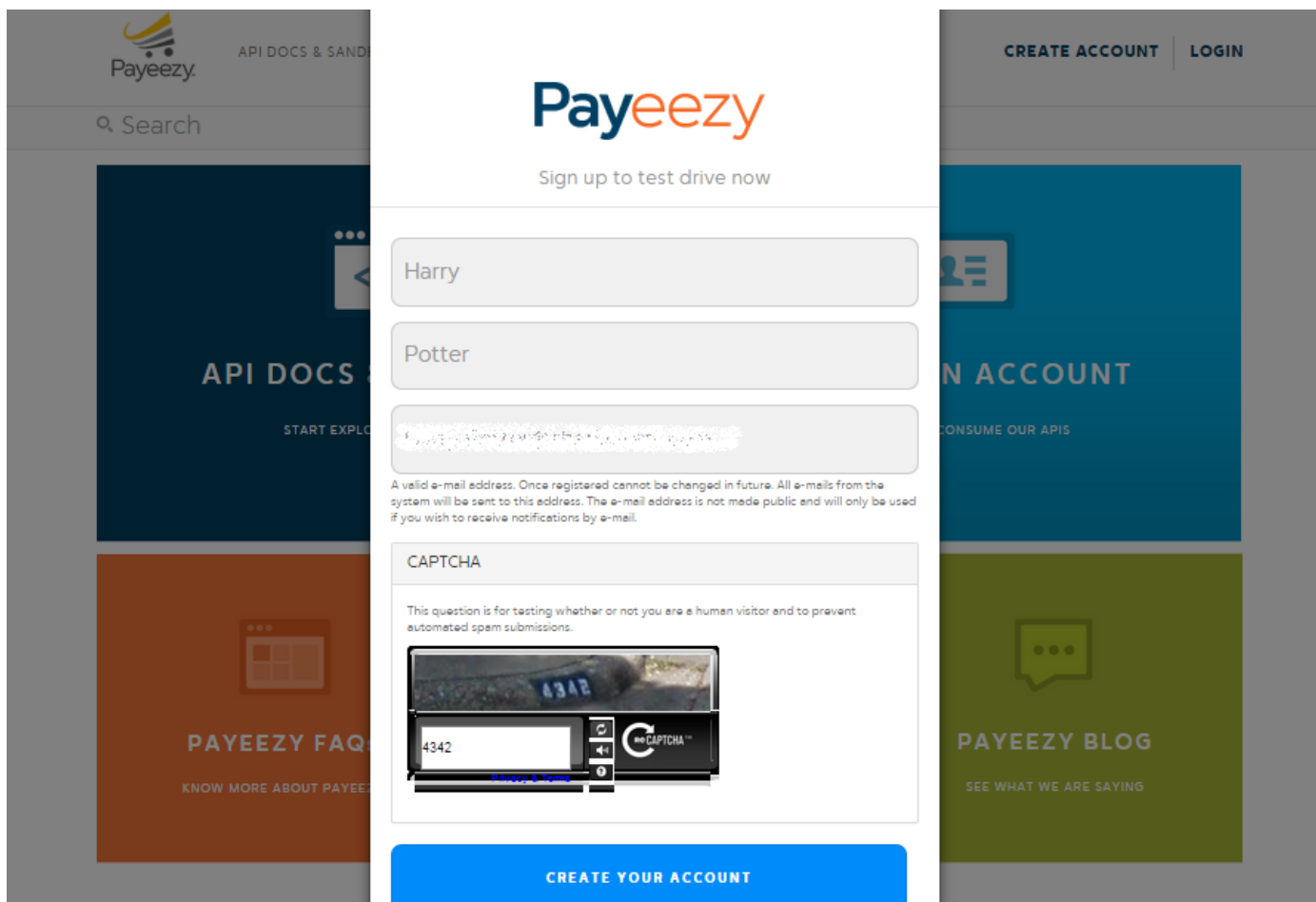There are three simple steps to integrate your mobile application/web application with Payeezy.

1. CREATE free developer account or simply login to developer.payeezy.com
2. CREATE your APIS (or simply name your application) and get certified
3. ADD Merchant(s), integrate your application with Payeezy and GO LIVE!

We provide free testing environment and free support to test your app in CERT (like PROD) region.

1. CREATE your free Payeezy Developer Account

To Sign up, all you need is your First name, Last name and **valid email address**

Please enter https://developer.payeezy.com/ in your browser and click on 'CREATE YOUR ACCOUNT'

Please note: A valid e-mail address. Once registered cannot be changed in future. All e-mails from the system will be sent to this address. The e-mail address is not made public and will only be used if you wish to receive notifications by e-mail.

After you provide registration information an email is sent to you with further instructions.

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Thank You for Registering

Before you can begin, you will need to activate your Payeezy^{SM} developer account by clicking on the activation button below.

CLICK HERE TO ACTIVATE

Steps To Take

1. Follow the "Click Here To Activate" button where you will be prompted to set up your password
2. If the activation button does not work, you can cut-and-paste this link into your browser:

   link here

3. For security purposes, this link can only be used once
4. After setting your password, you will be able to log into your account with:
   Username: atulparmar490
   Password: yourpassword
5. After completing these steps, you can log in with your new password along with the username you set up at:

LOG IN

2. CREATE your APIS (or simply name your application) and get certified

Think of this as a unique **app name** that is used to identify your application. The name is unrelated to the name you would use on Apple's App Store but it can be the same. From the "Get Certified" tab on this page…
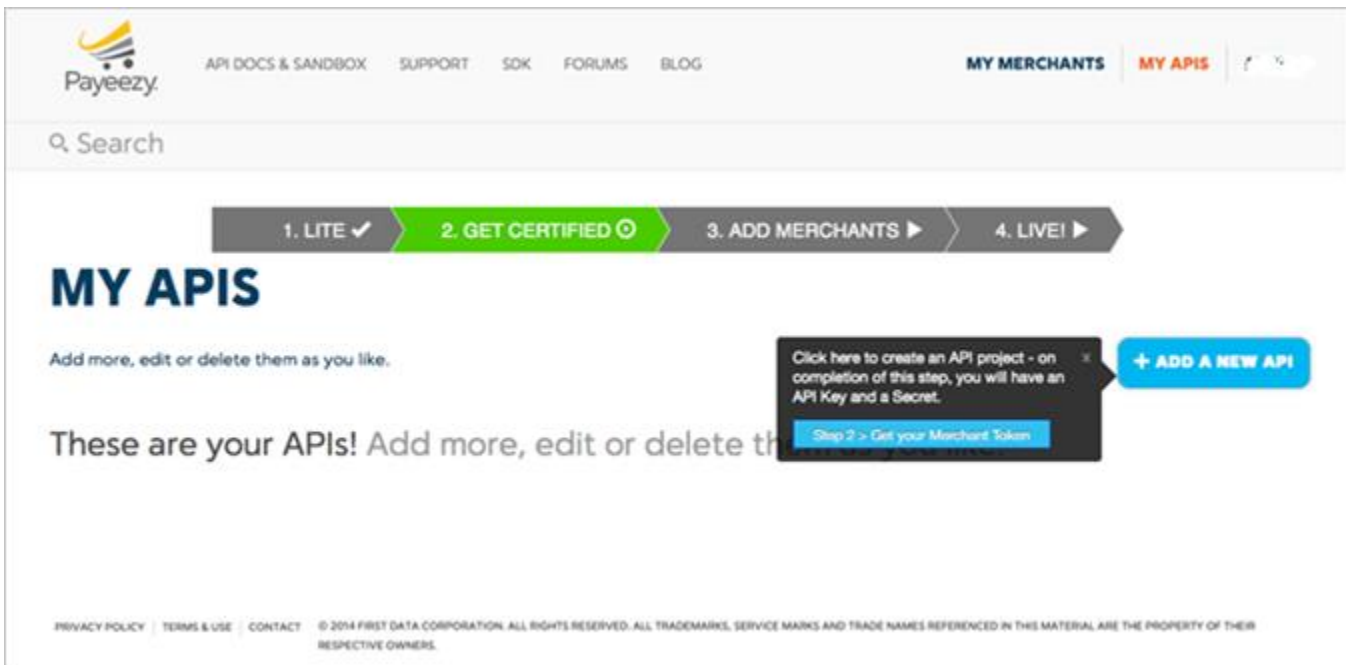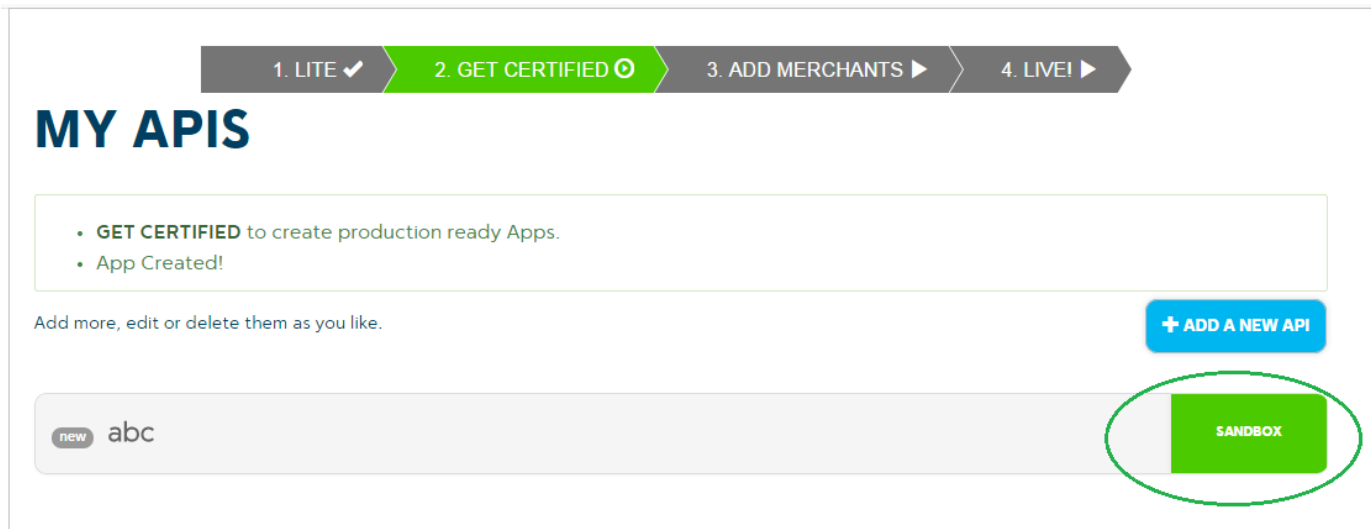
Click the "ADD A NEW API" button. On the next screen you name your application.

Spaces are allowed within the app name. For this example we are using "abc" App. The checkbox "SANDBOX" must be selected at this time. This will allow you to test your app in a safe secure environment provided by Payeezy. Click "CREATE YOUR APP" to continue.

You're making progress!
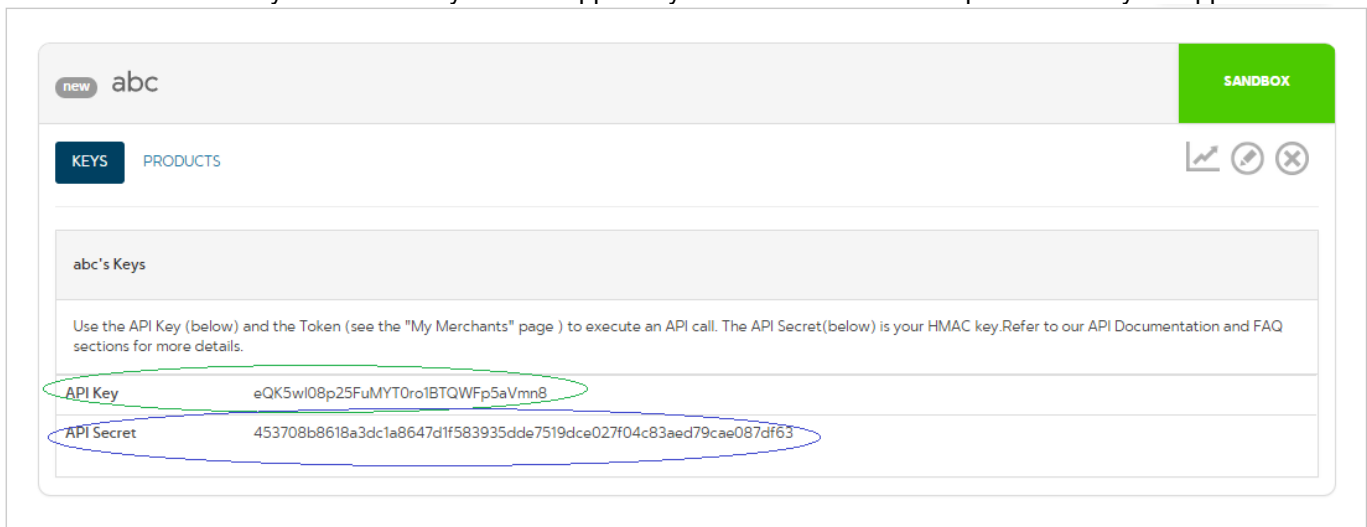
The page update to show you're newly created app entry and that it has a sandbox ready. We are done adding apps. Let's examine some key details about your new app that you will need as a developer. Click on your app name.

Please note API Key and API Secret

3. ADD Merchant(s), integrate your application with Payeezy and GO LIVE!

Before adding Merchant(s) to Payeezy, you can test your application with our CERT environment. **Sample code:** If you are developer /Merchant and working on apple pay then click on the link below to download apple pay sample code: https://developer.payeezy.com/sdk-downloads

if you are developer/Merchant and working on ios(in app)/Android/Java/Curl/nodeJS/PHP/Python/ruby then go to git and download sample code:

https://github.com/payeezy/payeezy

Pre-request for testing code/APIS?

To integrate and test your application all you need is

- **Merchant token (token)**
- **API Key**
- **API Secret**

What is 'Merchant token'? How to get it?

Merchant *Token* is associated with each Merchant. Merchant *Token* helps us to identify each request. We have provided sample Merchant token for testing purpose.

Please click on MY MERCHANT

MY MERCHANTS

Merchant ID	Merchant Name	CSR	App Label	Token	View Details	Status
3176752955	Acme Sock	DOWNLOAD	merchant.com.cert.PHT060	fdoa-a480ce8951daa73262734cf102641994c1e55e7cdf4c02b6	VIEW DETAILS	Approved

Merchant *Token* is circle in green. Please note that this *Token* is associated with sample Merchant only. If you add new Merchant then *Token* value will be different.

What are 'API Key' and 'API Secret'? How to get them?

'API key' and 'API Secret' are associated with each app/APIS. Create a new APIS under 'MY APIS'. For testing purpose please select SANDBOX and then click on 'create YOUR APP' button. You will notice that API Key/API Secret is created for you.

CONSUME OUR API

GET CERTIFIED to create production ready Apps.

NAME YOUR APPLICATION : *
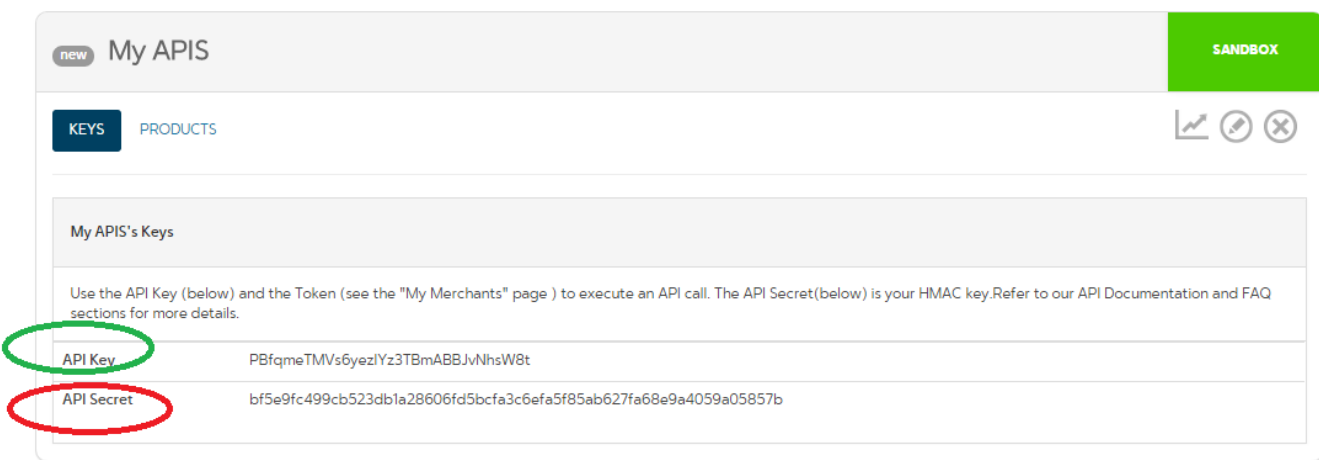
My APIS

Internal name: my-apis Edit

WHAT TYPE OF PRODUCT IS THIS ? : *

✔ SANDBOX

---

new My APIS   **SANDBOX**

KEYS PRODUCTS

My APIS's Keys

Use the API Key (below) and the Token (see the "My Merchants" page) to execute an API call. The API Secret(below) is your HMAC key.Refer to our API Documentation and FAQ sections for more details.

| API Key | PBfqmeTMVs6yezlYz3TBmABBJvNhsW8t |
| API Secret | bf5e9fc499cb523db1a28606fd5bcfa3c6efa5f85ab627fa68e9a4059a05857b |
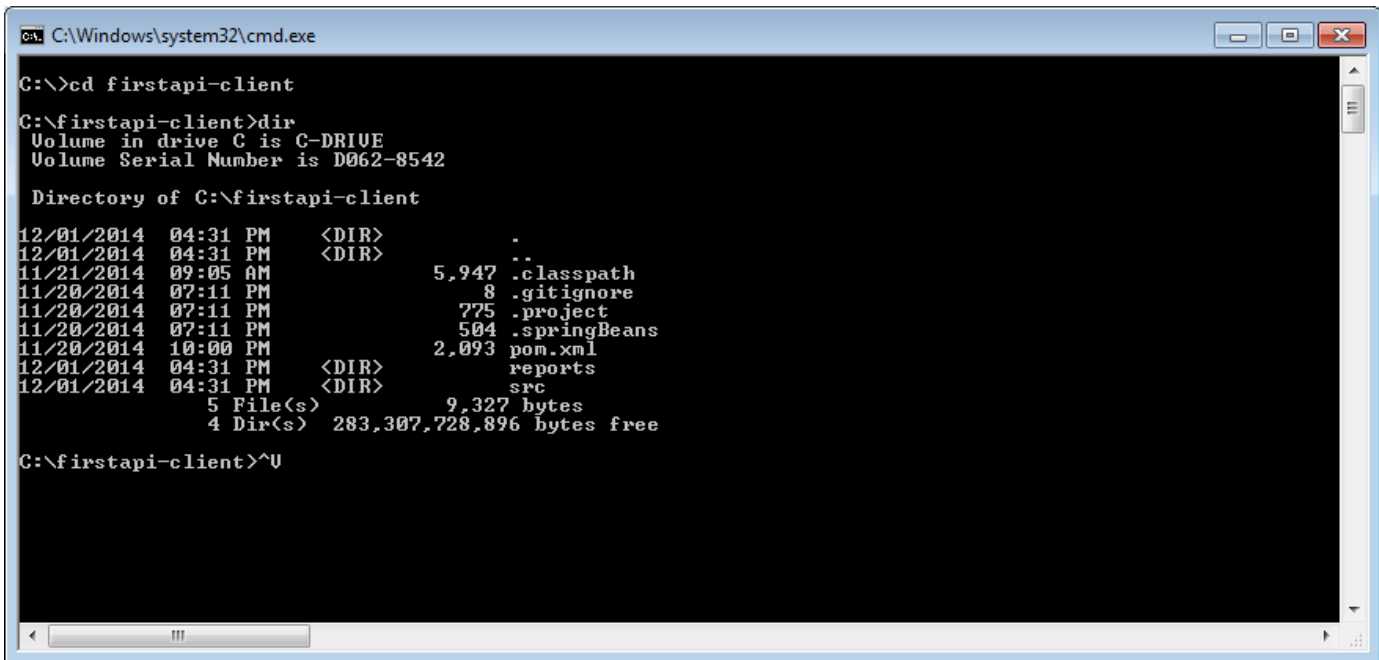
API key and API Secret is circle in green and red respectively. Please note that this API Key and API Secrete are associated with SANDBOX app.

Testing Java client/server language code?

Prerequisite to test Java client

1. JDK 1.6 and above - For compiling java code
2. Text editor - if you don't have one already, you may want one for editing properties file. A few options: Atom, Sublime Text, Textmate, Brackets.
3. Maven – For build and test
4. Eclipse – Java editor (optional)

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Download Java code from git - https://github.com/payeezy/payeezy

```
C:\Windows\system32\cmd.exe                                          ─ □ ✕

C:\>cd firstapi-client

C:\firstapi-client>dir
 Volume in drive C is C-DRIVE
 Volume Serial Number is D062-8542

 Directory of C:\firstapi-client

12/01/2014  04:31 PM    <DIR>          .
12/01/2014  04:31 PM    <DIR>          ..
11/21/2014  09:05 AM             5,947 .classpath
11/20/2014  07:11 PM                 8 .gitignore
11/20/2014  07:11 PM               775 .project
11/20/2014  07:11 PM               504 .springBeans
11/20/2014  10:00 PM             2,093 pom.xml
12/01/2014  04:31 PM    <DIR>          reports
12/01/2014  04:31 PM    <DIR>          src
               5 File(s)          9,327 bytes
               4 Dir(s)  283,307,728,896 bytes free

C:\firstapi-client>^V
```

You can also import code as Java project

```
Java EE - firstapi-client/src/test/java/com/firstdata/firstapi/client/FirstDataAPIClientV2Test.java - Eclipse

File  Edit  Source  Refactor  Navigate  Search  Project  Run  Window  Help

Project Explorer ☒                          FirstDataAPIClientV2 ☒    FirstAPIClientV2Help    SystemSSLDefaultHttp

  firstapi-client                             package com.firstdata.firstapi.client;
    src/main/java
    src/main/resources                        import static org.junit.Assert.assertNotNull;
    src/test/java                             import static org.junit.Assert.assertNull;
    src/test/resources                        import org.junit.Test;
    JRE System Library [J2SE-1.5]             import org.junit.runner.RunWith;
                                              import org.slf4j.Logger;
                                              import org.slf4j.LoggerFactory;
                                              import org.springframework.beans.factory.annotation.Autowired;
                                              import org.springframework.test.context.ContextConfiguration;
                                              import org.springframework.test.context.junit4.SpringJUnit4ClassRunner;
                                              import org.springframework.web.client.RestTemplate;
                                              import com.firstdata.firstapi.client.domain.TransactionType;
                                              import com.firstdata.firstapi.client.domain.v2.Address;
                                              import com.firstdata.firstapi.client.domain.v2.Card;
                                              import com.firstdata.firstapi.client.domain.v2.TransactionRequest;
                                              import com.firstdata.firstapi.client.domain.v2.TransactionResponse;

                                              @RunWith(SpringJUnit4ClassRunner.class)
                                              @ContextConfiguration(locations={"classpath:/META-INF/spring/core-rest-
                                              public class FirstDataAPIClientV2Test {

                                                  private static final Logger log=LoggerFactory.getLogger(FirstDataAP
                                                  @Autowired
                                                  private RestTemplate restTemplate;

                                                  @Autowired
                                                  private FirstAPIClientV2Helper client;

                               Writable   Smart Insert   21 : 38
```
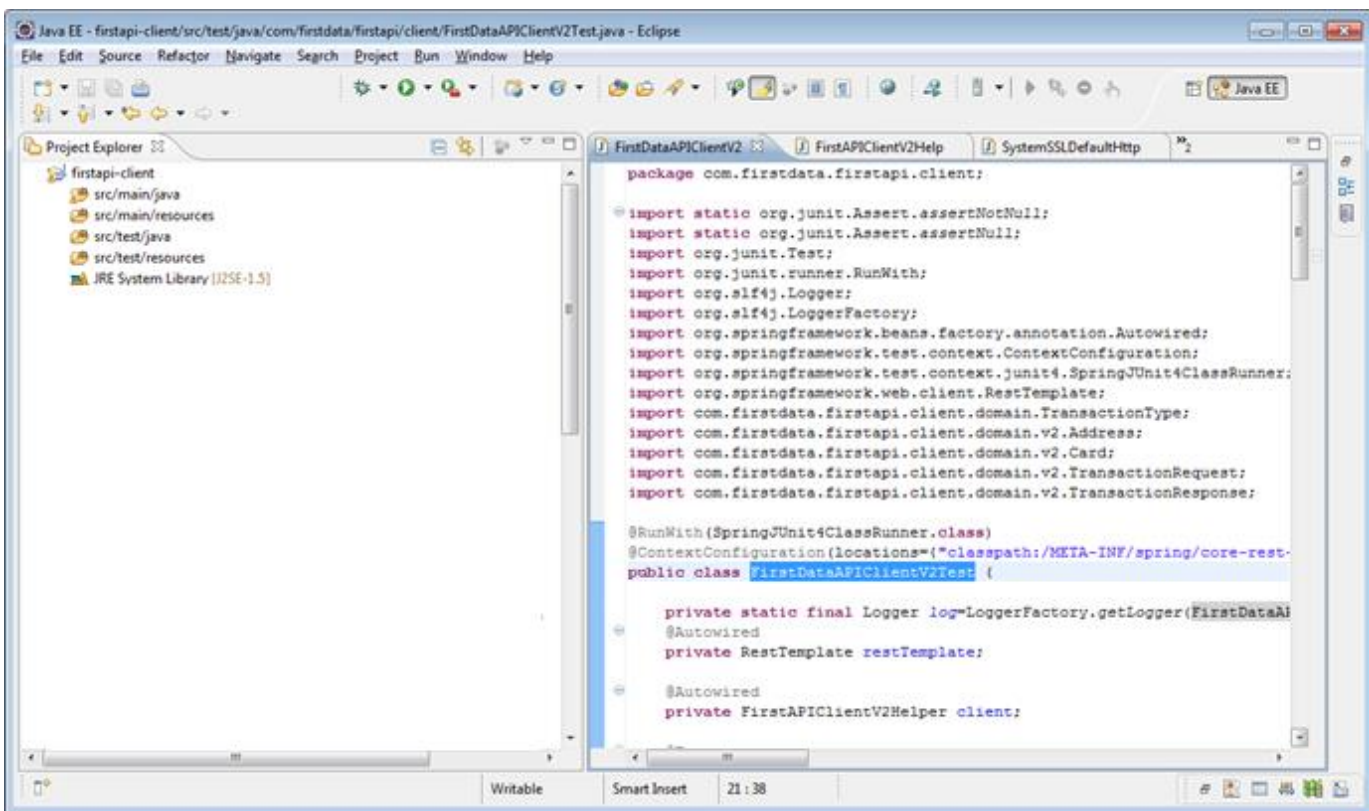
Note that you need to run maven cmd in order to compile the code.

```
C:\Windows\system32\cmd.exe

12/01/2014  04:31 PM    <DIR>          src
               5 File(s)          9,327 bytes
               4 Dir(s)  283,307,728,896 bytes free

C:\firstapi-client>mvn clean
[INFO] Scanning for projects...
[WARNING]
[WARNING] Some problems were encountered while building the effective model for com.firstdata.firstapi.client:firsta
[WARNING] 'dependencies.dependency.(groupId:artifactId:type:classifier)' must be unique: org.springframework:spring-
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO]
[INFO] Using the builder org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder with a thr
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] Building firstapi-client 0.0.1-SNAPSHOT
[INFO] ------------------------------------------------------------------------
[INFO]
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ firstapi-client ---
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 0.234 s
[INFO] Finished at: 2014-12-01T16:39:13-05:00
[INFO] Final Memory: 3M/15M
[INFO] ------------------------------------------------------------------------
C:\firstapi-client>
```

Update properties file.
Please go to $PAYEEZY \src\main\resources\META-INF\spring**core-rest-client-v2-context.xml**
And update with your appid, securedSecret and token
Where
For example : $PAYEEZY = C:\firstapi-client

Note that
securedSecret = API Secret
appid = API Key
token= Merchant token

```
</bean>

<bean id="client" class="com.firstdata.firstapi.client.FirstAPIClientV2Helper">
    <property name="url" value="https://api-cert.payeezy.com/v1" />
    <property name="appId" value="PBfqmeTMVs6yezIYz3TBmABBJvNhsW8t" />
    <property name="securedSecret" value="bf5e9fc499cb523db1a28606fd5bcfa3c6efa5f85ab627fa68e9a4059a05857b" /
    <property name="token" value="fdoa-a480ce8951daa73262734cf102641994c1e55e7cdf4c02b6" />

</bean>
```
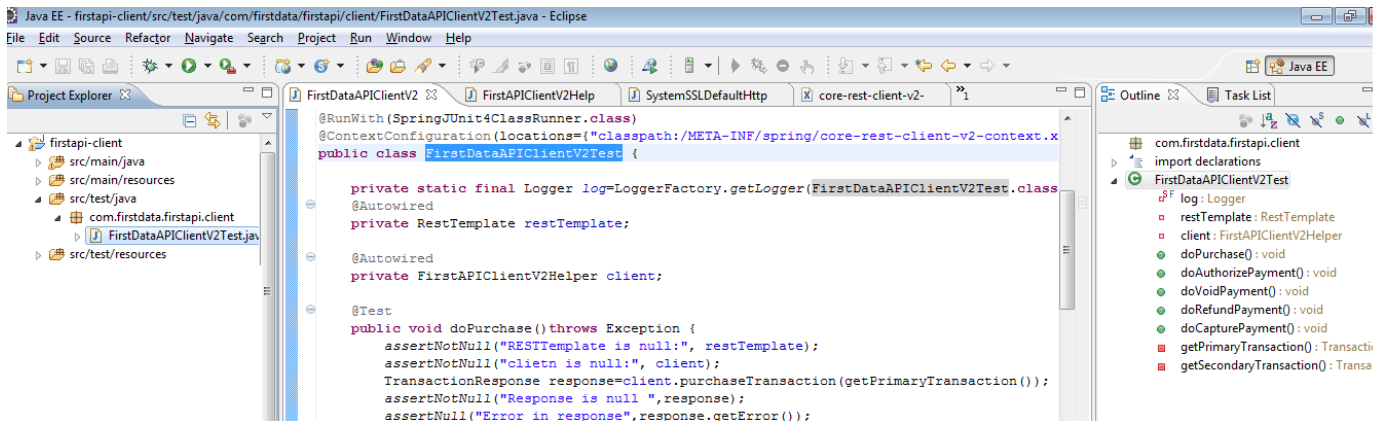
Please go through $PAYEEZY \src\test\java\com\firstdata\firstapi\client**FirstDataAPIClientV2Test.java**

Please go to download directory and run $ mvn clean install