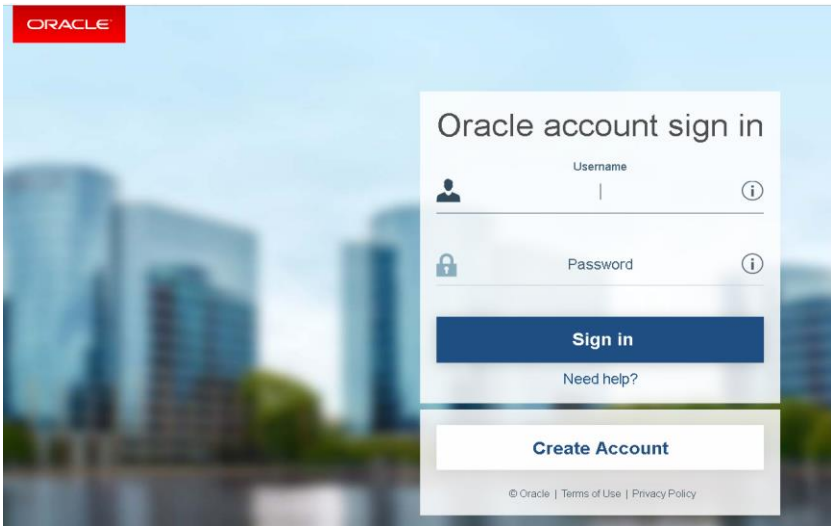## JDK Download

- Go to : https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html
- Click on Accept License Agreement and select Java SE Development Kit 8u221 according to your OS.
- After selecting that, Oracle will ask you to login or sign up (create and account and login).
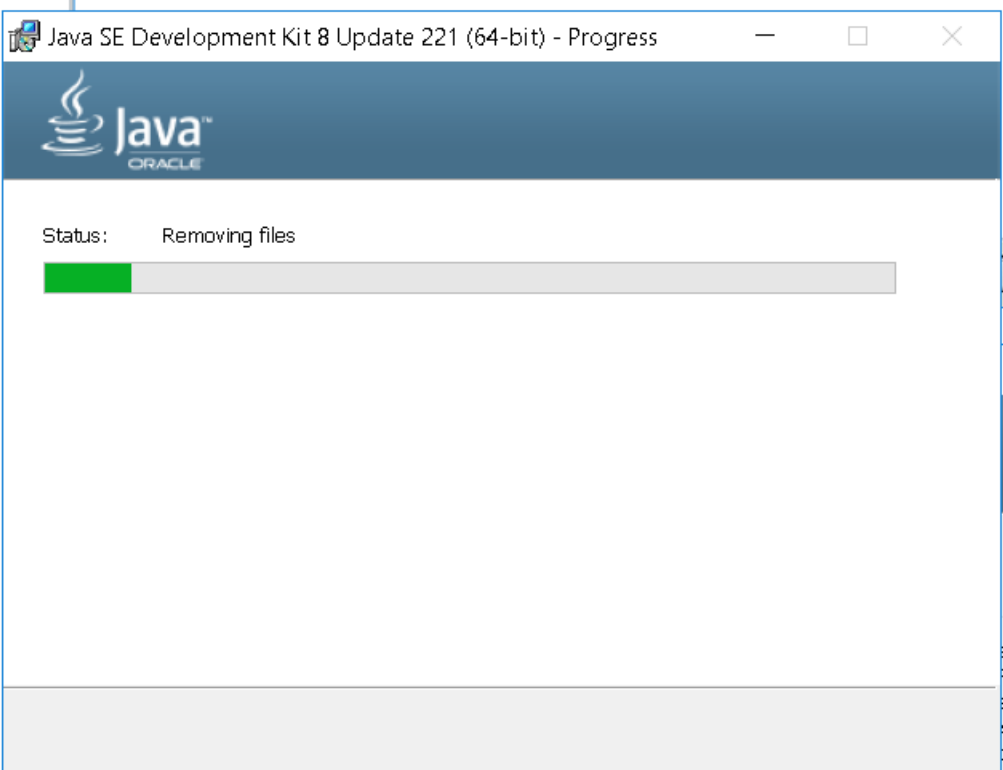

After that, it will start downloading JDK.

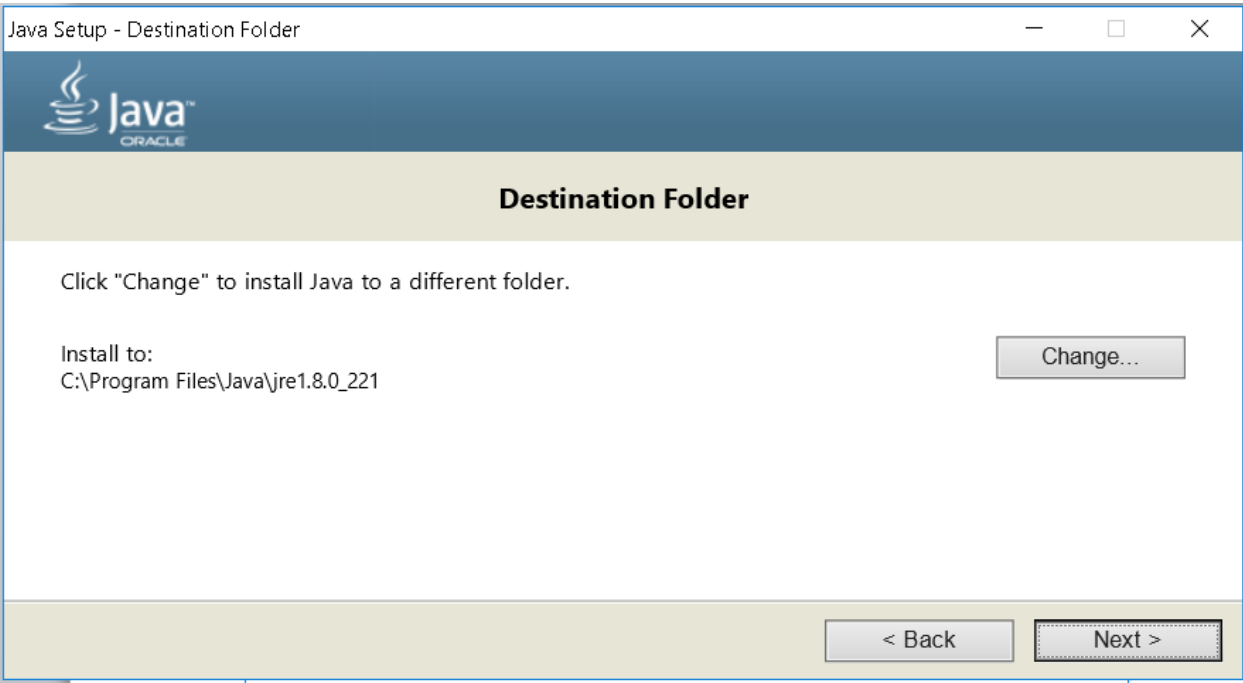- Once download is completed, install JDK with below steps:

JDK INSTALLATION
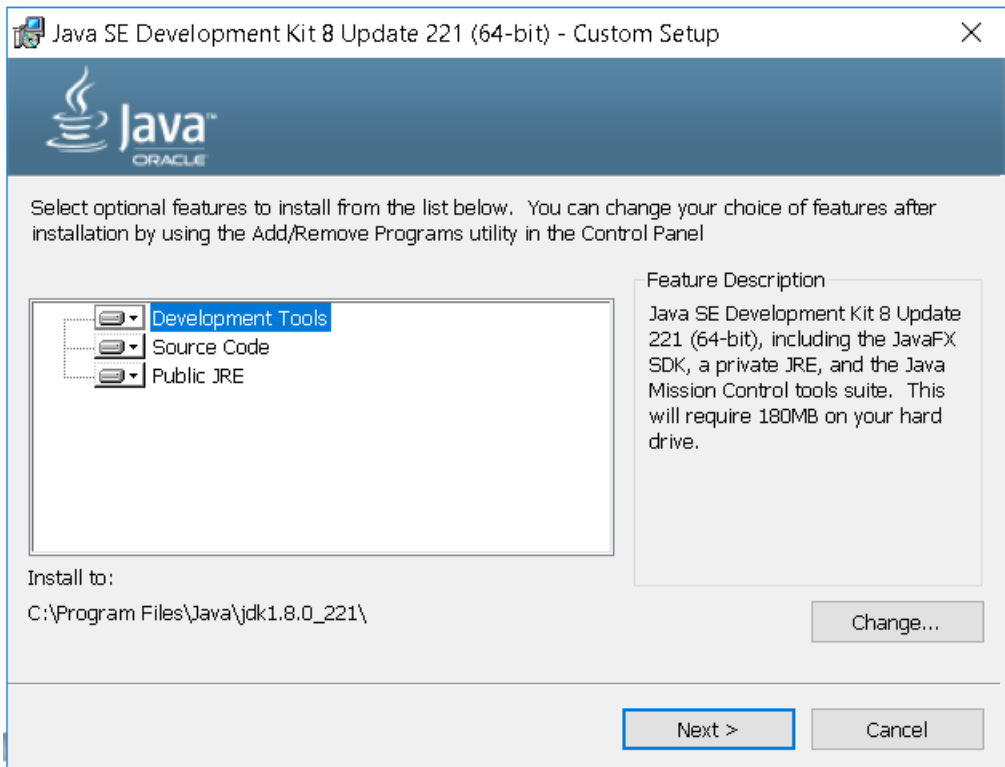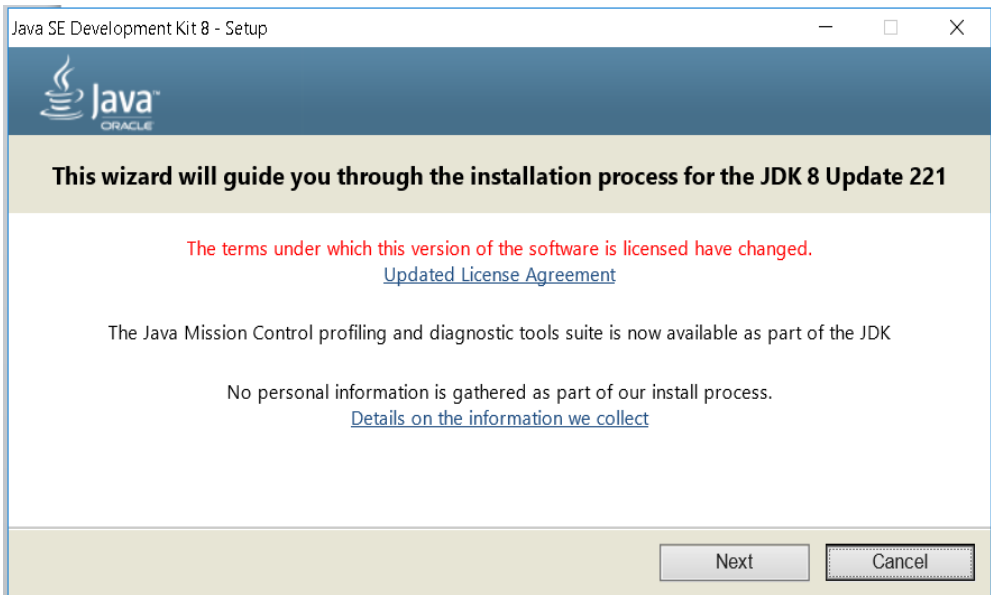
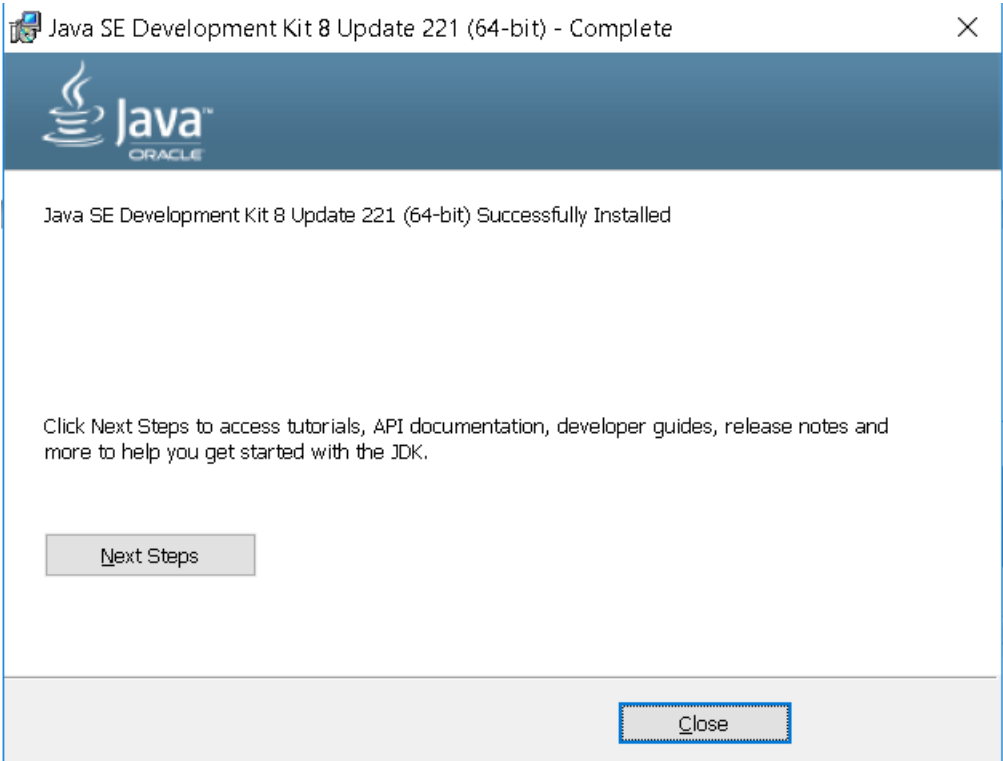- Once you select Development Tools and click Next, it will start downloading files.

- Select Destination folder for your Java or choose default and proceed to next step.

- Now Java Setup installation is in progress

When you see this window, the installation is completed. You can close the window.
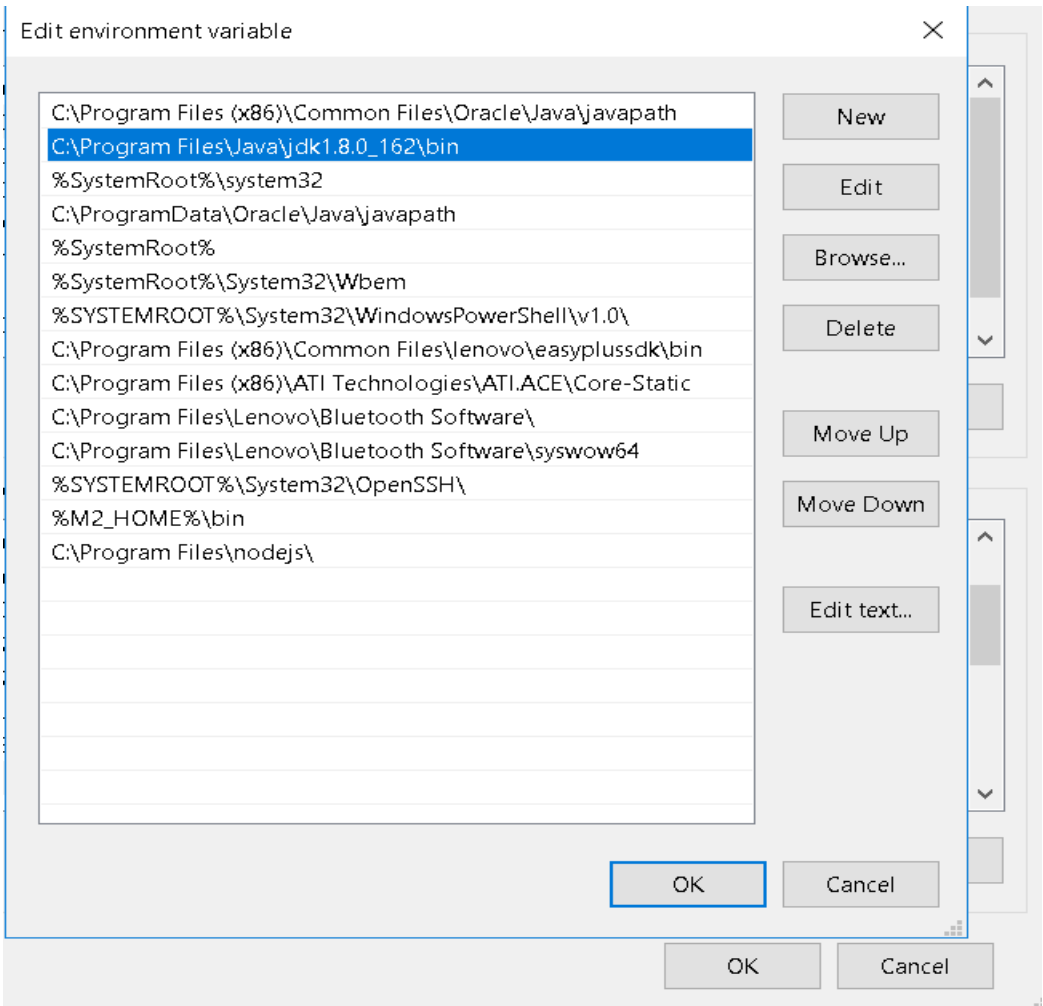
Set JAVA_HOME

Assuming you have installed Java in **c:\Program Files\java\jdk** directory

- Right-click on 'My Computer' and select 'Properties'.

- Click the 'Environment variables' button under the 'Advanced' tab.

- Now add the 'JAVA_HOME' variable in System Variables and set the path to the **'c:\Program Files\java\jdk_version' say** C:\Program Files\Java\jdk1.8.0_162.
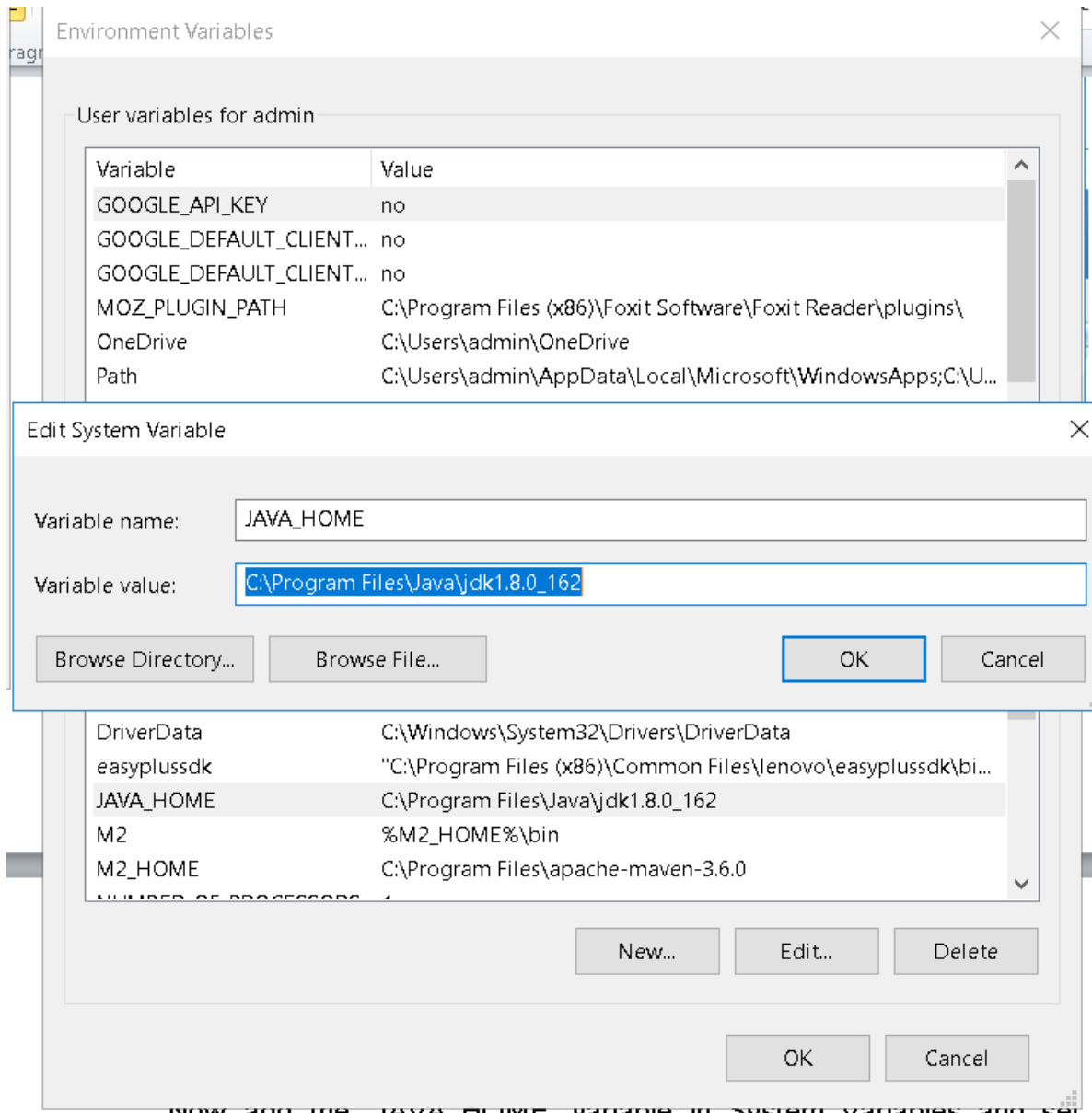
Now set path of JDK in **Path** variable like this "C:\Program Files\Java\jdk1.8.0_162\bin":

- Click OK and close these windows.

Download Eclipse

Before downloading Eclipse, make sure you have downloaded Java, updated the Path variable and set JAVA_HOME.

You can download Eclipse with below url, or any latest version of Eclipse will work(you can also google).

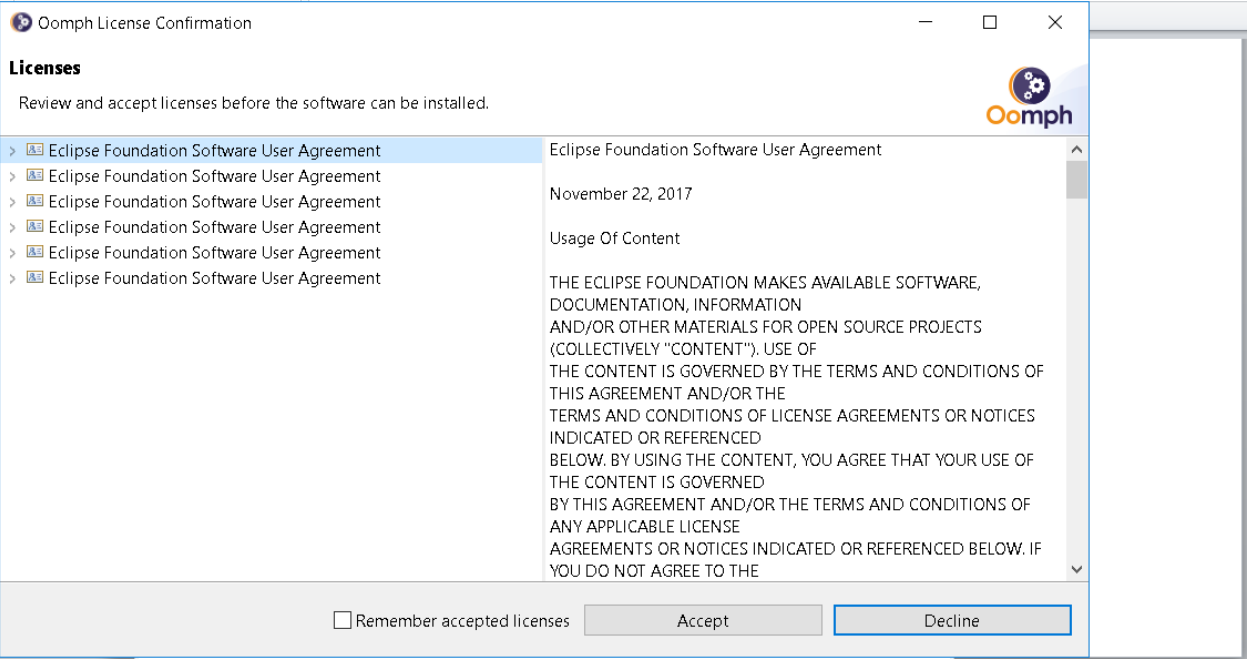https://www.eclipse.org/downloads/packages/release/oxygen/r/eclipse-ide-java-ee-developers

- Once you click on button, it will start downloading.
- You will get below window for installation.

- Select Eclipse IDE for Enterprise Java Developers.
- You will get Java Installation folder, and location for Eclipse. You can click on Install now.
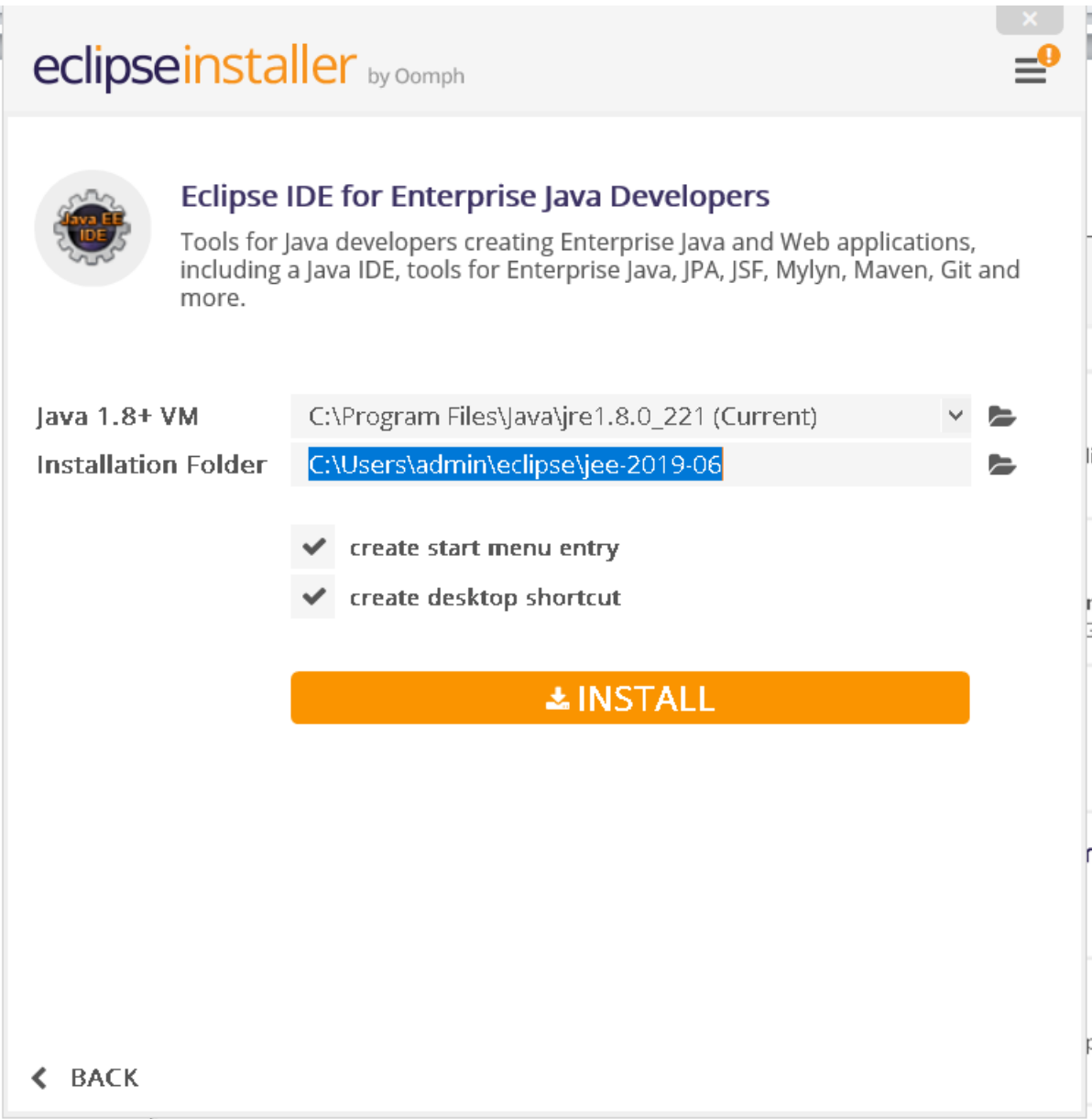
- Accept the license and proceed.

- After that, click on launch.
- You can select workspace and proceed with same.

Maven Installation and Set up

Make sure you have a JDK installed on your system.

https://maven.apache.org/download.cgi

Apache Maven home page opens. Click the "Download" link in the "Get Maven" section.
Extract the downloaded file

Maven is distributed in several formats for your convenience. Simply pick a ready-made binary distribution archive and follow the installation instructions. Use a source archive if you intend to build Maven yourself.

In order to guard against corrupted downloads/installations, it is highly recommended to verify the signature of the release bundles against the public KEYS used by the Apache Maven developers.

	Link	Checksums	Signature
Binary tar.gz archive	apache-maven-3.6.1-bin.tar.gz	apache-maven-3.6.1-bin.tar.gz.sha512	apache-maven-3.6.1-bin.tar.gz.asc
Binary zip archive	apache-maven-3.6.1-bin.zip	apache-maven-3.6.1-bin.zip.sha512	apache-maven-3.6.1-bin.zip.asc
Source tar.gz archive	apache-maven-3.6.1-src.tar.gz	apache-maven-3.6.1-src.tar.gz.sha512	apache-maven-3.6.1-src.tar.gz.asc
Source zip archive	apache-maven-3.6.1-src.zip	apache-maven-3.6.1-src.zip.sha512	apache-maven-3.6.1-src.zip.asc

- Release Notes

Set the Maven Home and add it in system PATH

MAVEN_HOME = C:\Program Files\Apache Software Foundation\apache-maven-3.3.1 (it could vary based on the location where you have extracted downloaded maven folder)

Add in **PATH=** C:\Program Files\Apache Software Foundation\apache-maven-3.3.1\bin

Download CamundaModeler

- Go to https://camunda.com/download/modeler/and download version according to your OS.
- Unzip the folder at desired location.

Download Camunda

Open Source **Modeler**	Open Source Community Platform	30-Day Trial **Enterprise Platform**	Download for Enterprise Customers

Version:	3.2.3
Release Date:	August 05, 2019
Supports:	✔ BPMN ✔ DMN ✔ CMMN
Download:	Mac OS .zip Mac OS .dmg Windows 32bit Windows 64bit Linux 32bit Linux 64bit

- You will get CamundaModeler at that location like highlighted below

Volume (G:) > camunda-modeler-2.2.3-win-x64

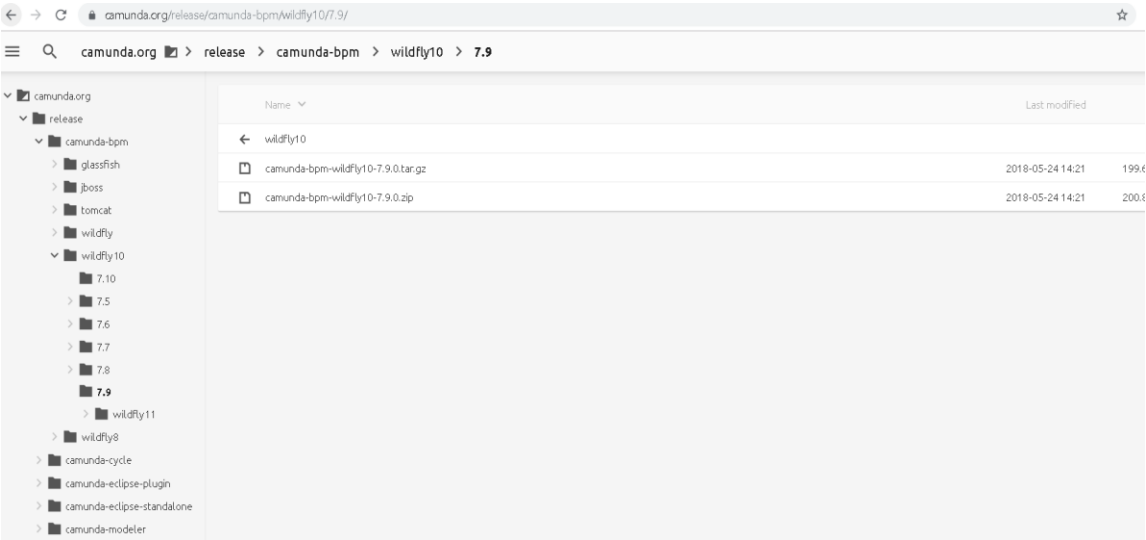| Name	Date modified	Type	Size
api-ms-win-crt-heap-l1-1-0.dll	20-04-2018 07:37	Application extens...	20 KB
api-ms-win-crt-locale-l1-1-0.dll	20-04-2018 07:37	Application extens...	19 KB
api-ms-win-crt-math-l1-1-0.dll	20-04-2018 07:37	Application extens...	28 KB
api-ms-win-crt-multibyte-l1-1-0.dll	20-04-2018 07:37	Application extens...	27 KB
api-ms-win-crt-private-l1-1-0.dll	20-04-2018 07:37	Application extens...	70 KB
api-ms-win-crt-process-l1-1-0.dll	20-04-2018 07:37	Application extens...	20 KB
api-ms-win-crt-runtime-l1-1-0.dll	20-04-2018 07:37	Application extens...	23 KB
api-ms-win-crt-stdio-l1-1-0.dll	20-04-2018 07:37	Application extens...	25 KB
api-ms-win-crt-string-l1-1-0.dll	20-04-2018 07:37	Application extens...	25 KB
api-ms-win-crt-time-l1-1-0.dll	20-04-2018 07:37	Application extens...	21 KB
api-ms-win-crt-utility-l1-1-0.dll	20-04-2018 07:37	Application extens...	19 KB
blink_image_resources_200_percent.pak	17-09-2018 18:53	PAK File	5 KB
Camunda Modeler	30-11-2018 10:17	Application	69,692 KB
content_resources_200_percent.pak	17-09-2018 18:56	PAK File	1 KB
content_shell.pak	17-09-2018 19:02	PAK File	7,307 KB
d3dcompiler_47.dll	18-09-2018 18:44	Application extens...	4,077 KB
ffmpeg.dll	17-09-2018 18:55	Application extens...	1,788 KB
icudtl.dat	24-05-2018 14:54	DAT File	9,933 KB
libEGL.dll	17-09-2018 18:55	Application extens...	17 KB
libGLESv2.dll	17-09-2018 18:55	Application extens...	3,762 KB

- If you open Modeler, you can see this window :
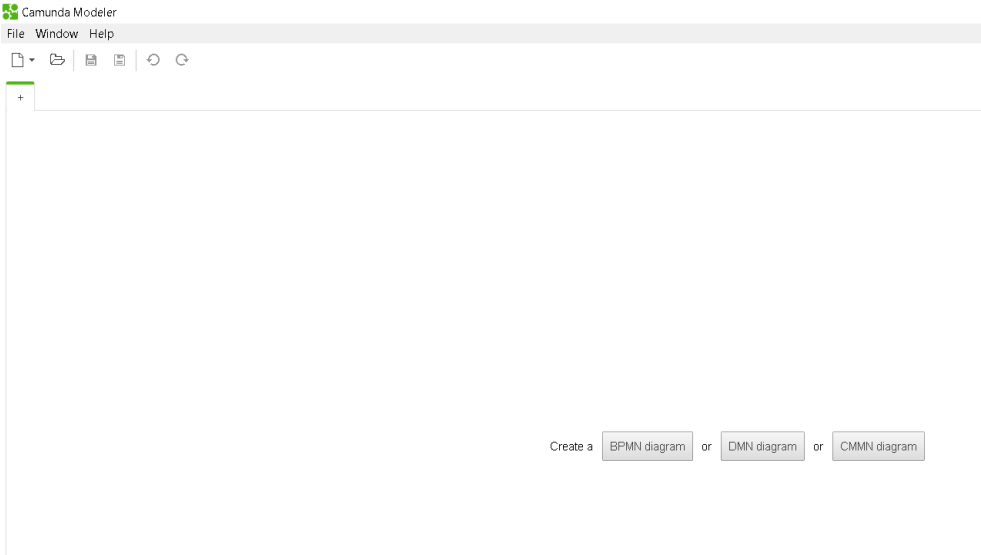
- You can create BPMN, DMN, CMMN diagrams here.

Download CamundaWildfly Server and Start the Server

- https://docs.camunda.org/manual/7.9/installation/full/jboss/pre-packaged/
- Direct Link: https://camunda.org/release/camunda-bpm/wildfly10/
- Once you go to this URL, you will get different versions of Wildfly.

- Download the software.
- Now unzip the downloaded zip or untar based on the operating system.
- In that directory you will find start-camunda batch(for windows) .sh for linux . Double click on it

- It will open command prompt and will try to start server.

- Wait until you get Started message on command prompt like marked above.
- Now go to http://localhost:8080/camunda-welcome/index.html. You can see below screen.
- If it is not started then see the server log and do the basic troubleshooting like check the JAVA_HOME is set or not, port number is available or not.
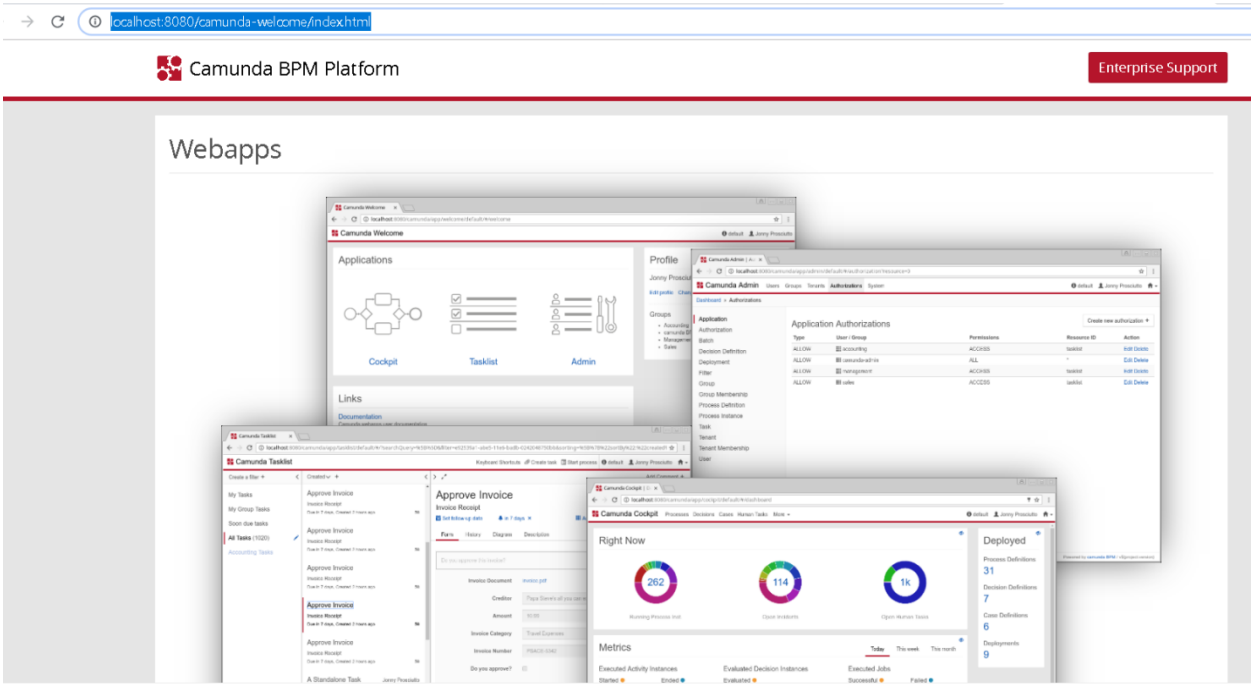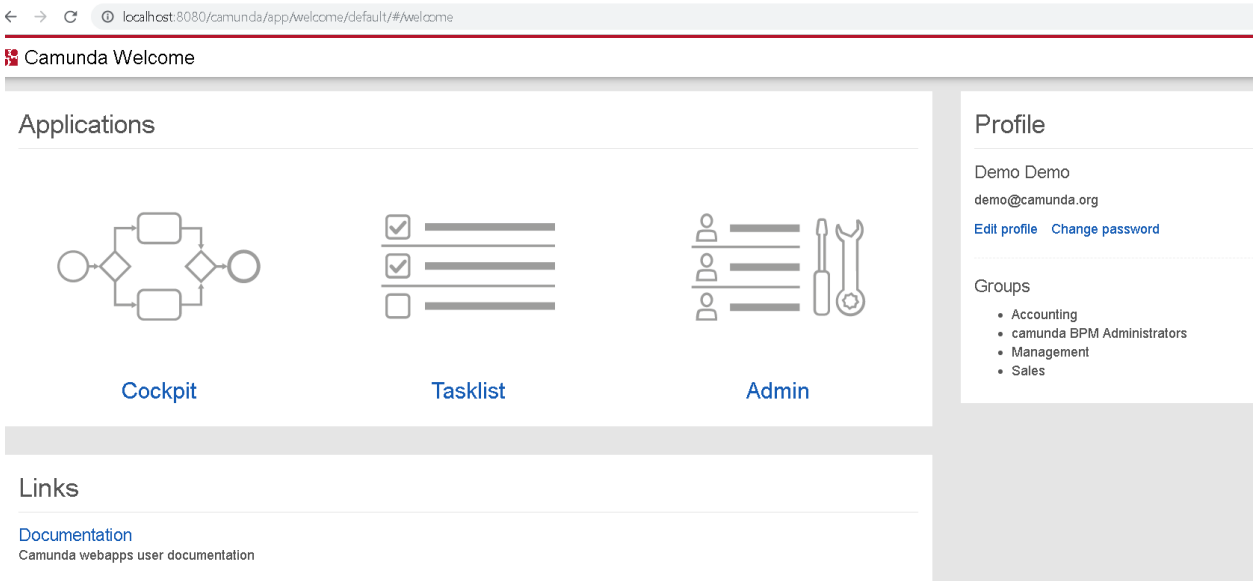

- Now your server is started(see the server console).
- You can click on any of 4 windows, it will redirect you to login page.
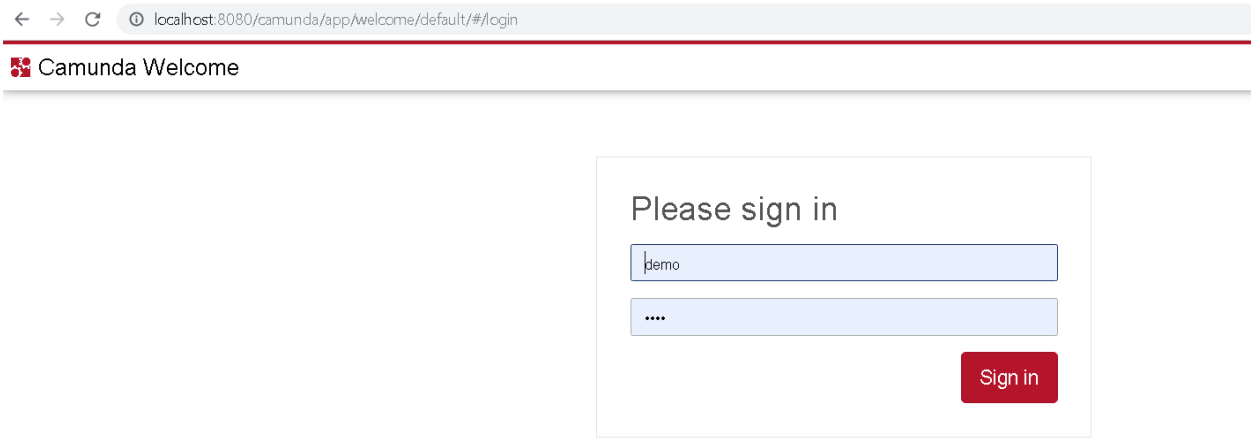
- Default Username/password is demo/demo. You will get below profile after login :

Add Maven CamundaArchtype in Eclipse

Source : https://docs.camunda.org/manual/7.4/user-guide/process-applications/maven-archetypes/

- Add archetype catalog (**Preferences -> Maven -> Archetypes -> Add Remote Catalog**):https://app.camunda.com/nexus/content/repositories/camunda-bpm/
- Create Maven project from archetype (**File -> New -> Project... -> Maven -> Maven Project**)
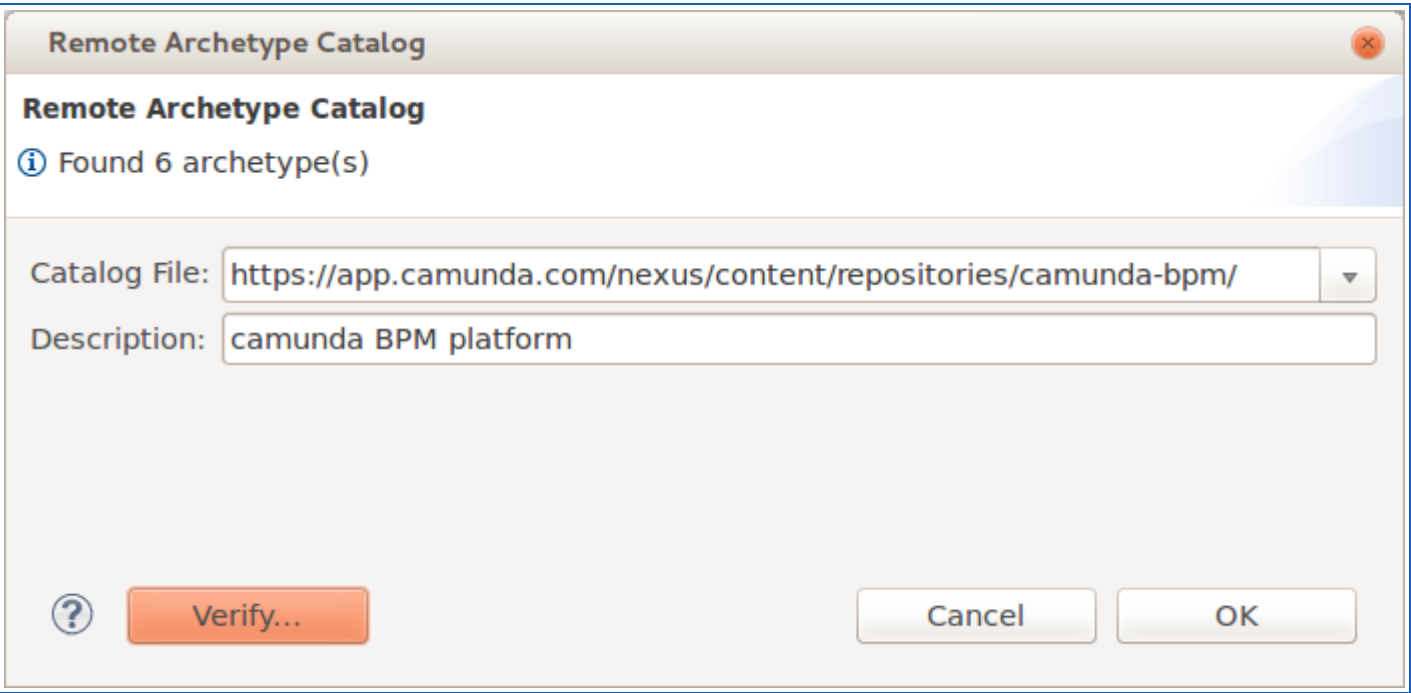
Detailed Instructions

- Go to **Preferences -> Maven -> Archetypes -> Add Remote Catalog**
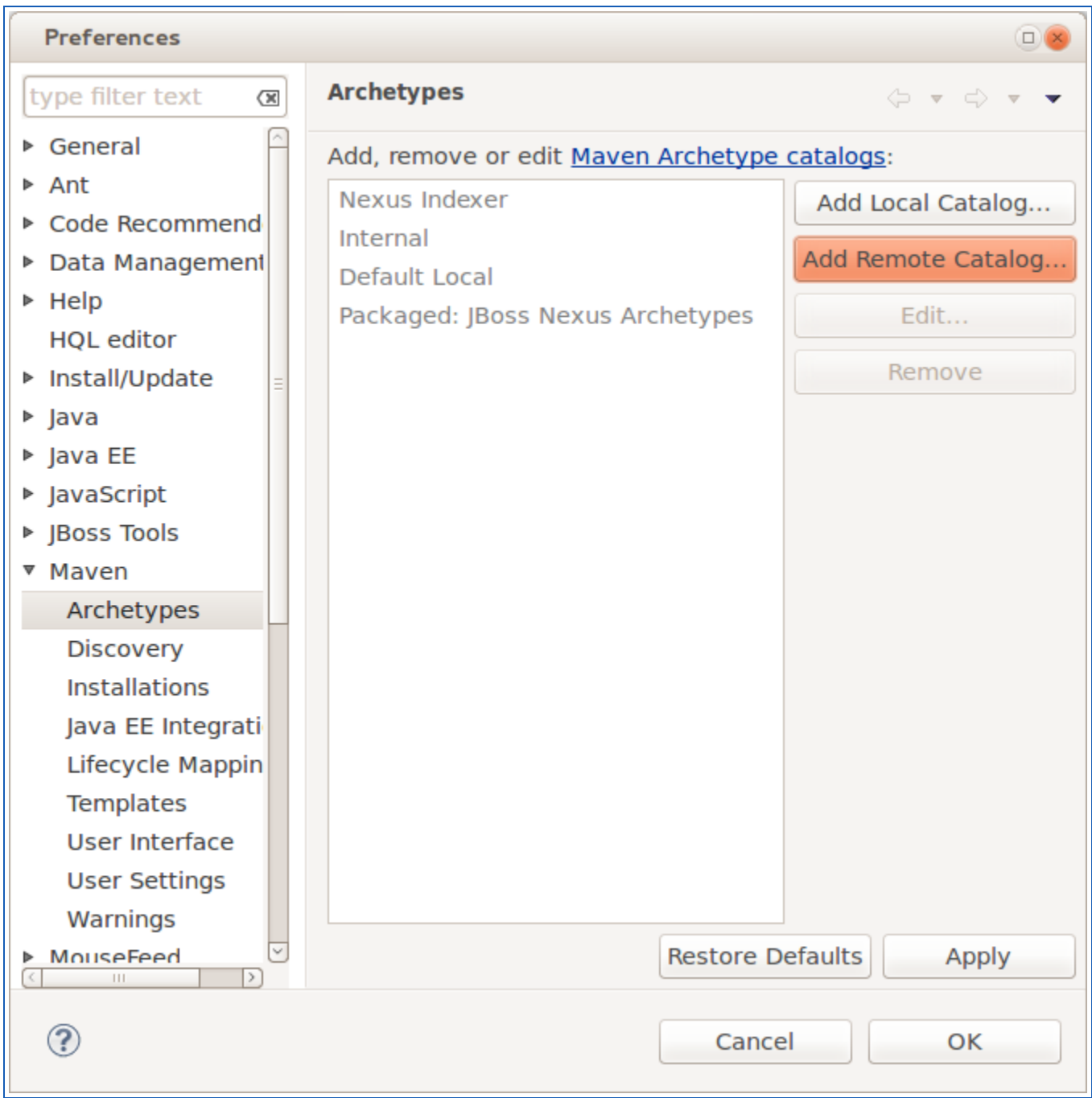
- Enter the following URL and description, click on **Verify...** to test the connection and if that worked on **OK** to save the catalog.
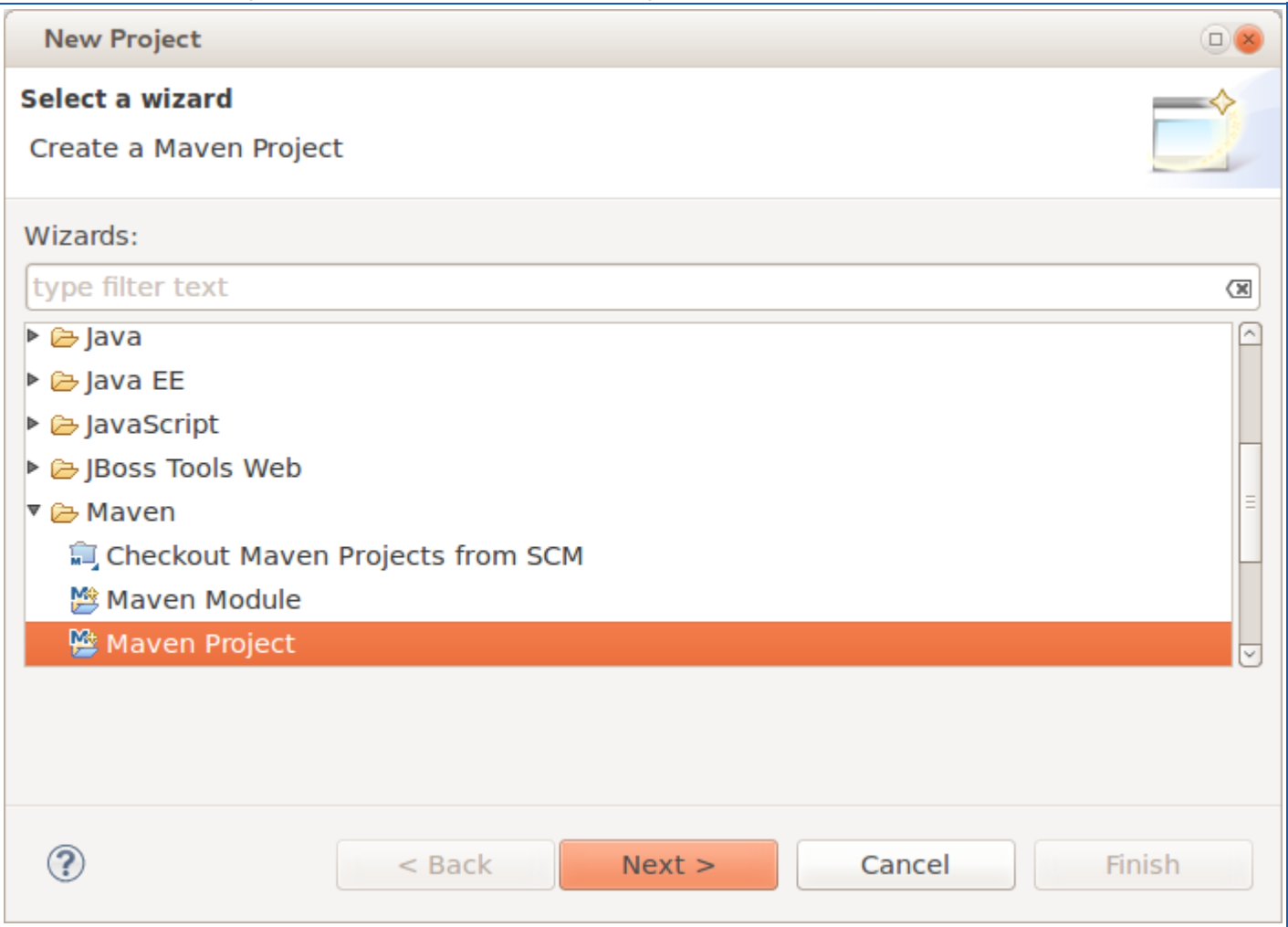
  Catalog File: https://app.camunda.com/nexus/content/repositories/camunda-bpm/

  Description: **camunda BPM platform**

Now you should be able to use the archetypes when creating a new Maven project in Eclipse:

- Go to **File -> New -> Project...** and select **Maven -> Maven Project**

- Select a location for the project or just keep the default setting.

- Select the archetype from the catalog that you created before.

- Specify Maven coordinates and Camunda version and finish the project creation.

New Maven Project

New Maven project

Specify Archetype parameters

Group Id:	org.example
Artifact Id:	my-process-app
Version:	0.0.1-SNAPSHO
Package:	org.example.my_process_app

Properties available from archetype:

Name	Value
camunda-version	7.0.0-Final
jboss-version	7.1.3.Final

▸ Advanced

[< Back] [Next >] [Cancel] [Finish]