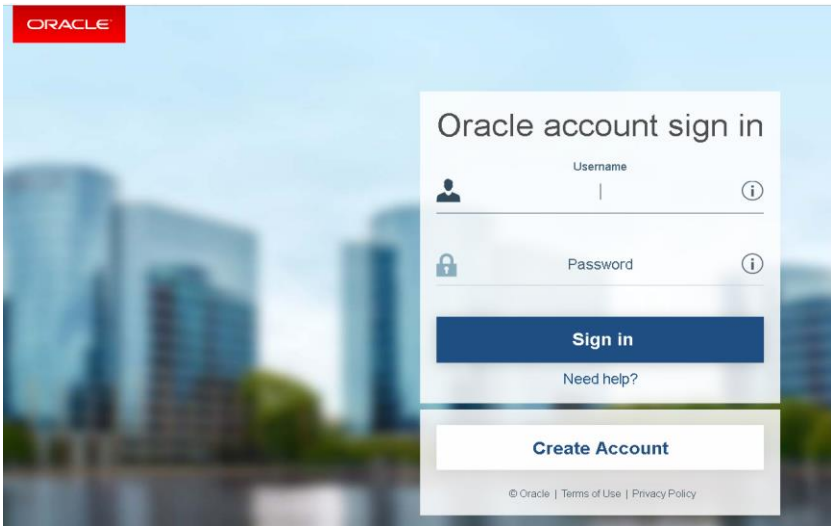


## JDK Download

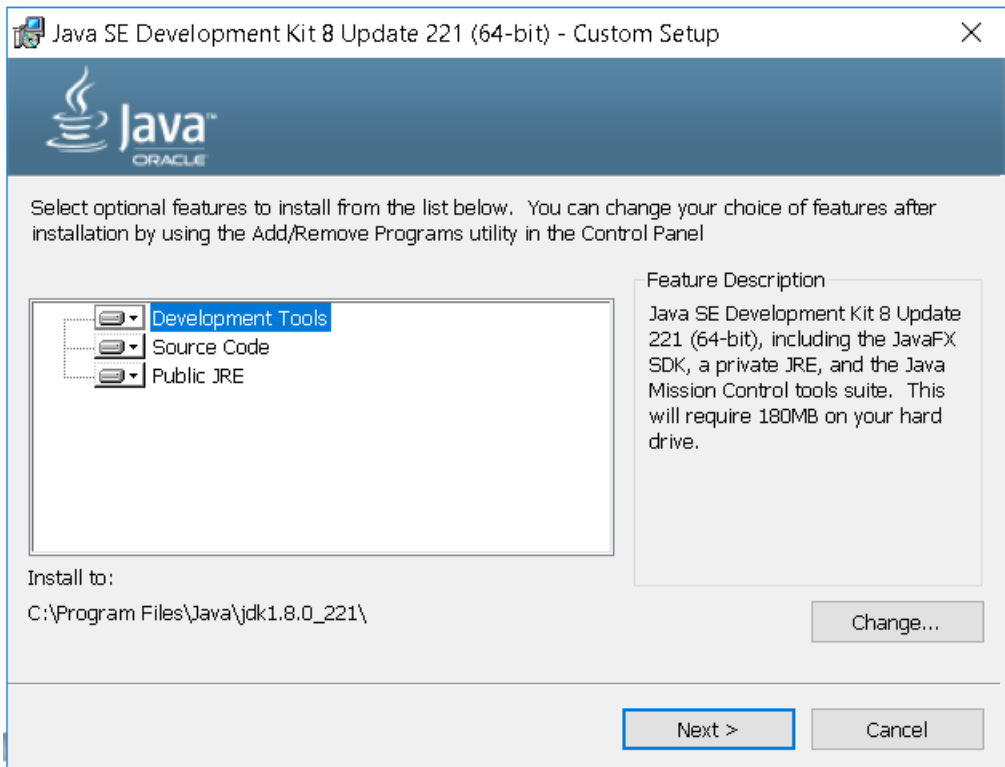
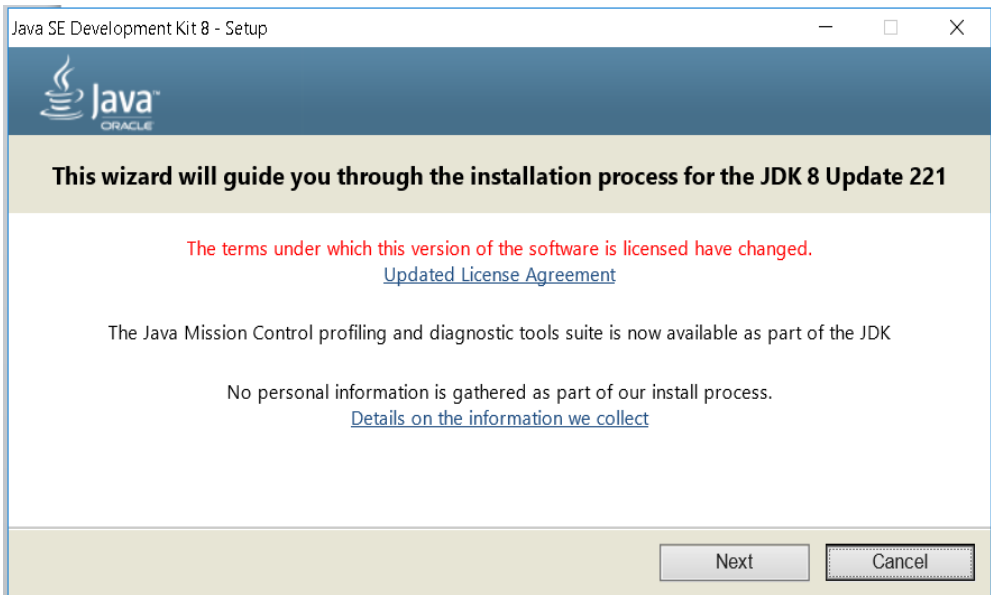
- Go to : <https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
- Click on Accept License Agreement and select Java SE Development Kit 8u221 according to your OS.
- After selecting that, Oracle will ask you to login or sign up (create and account and login).



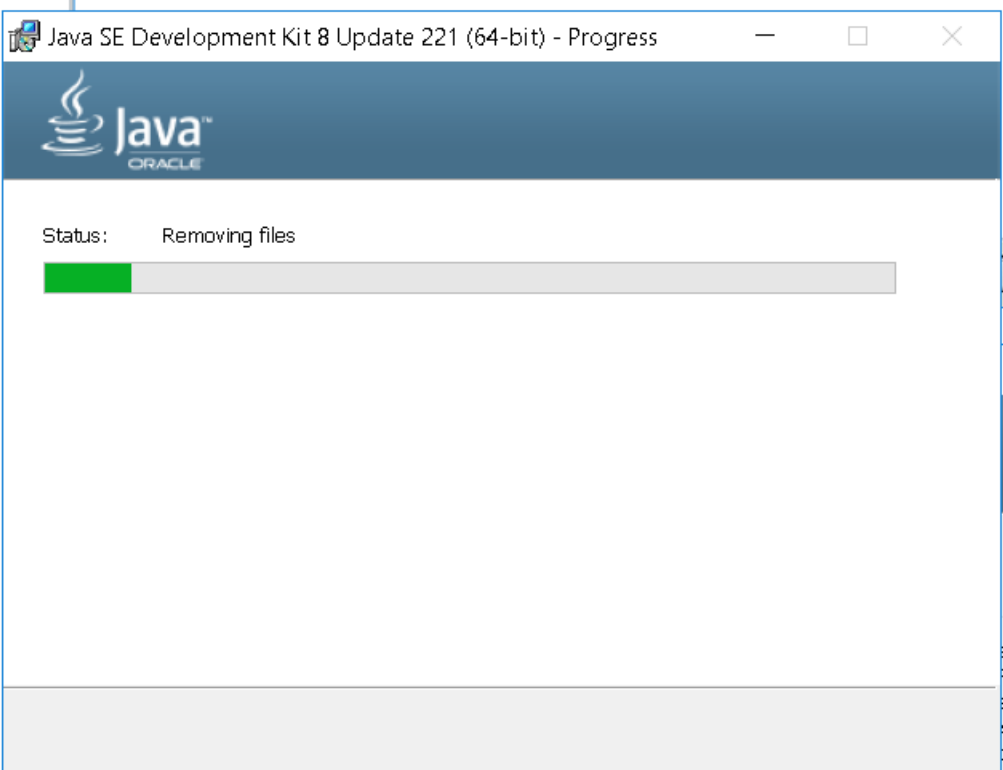
After that, it will start downloading JDK.

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

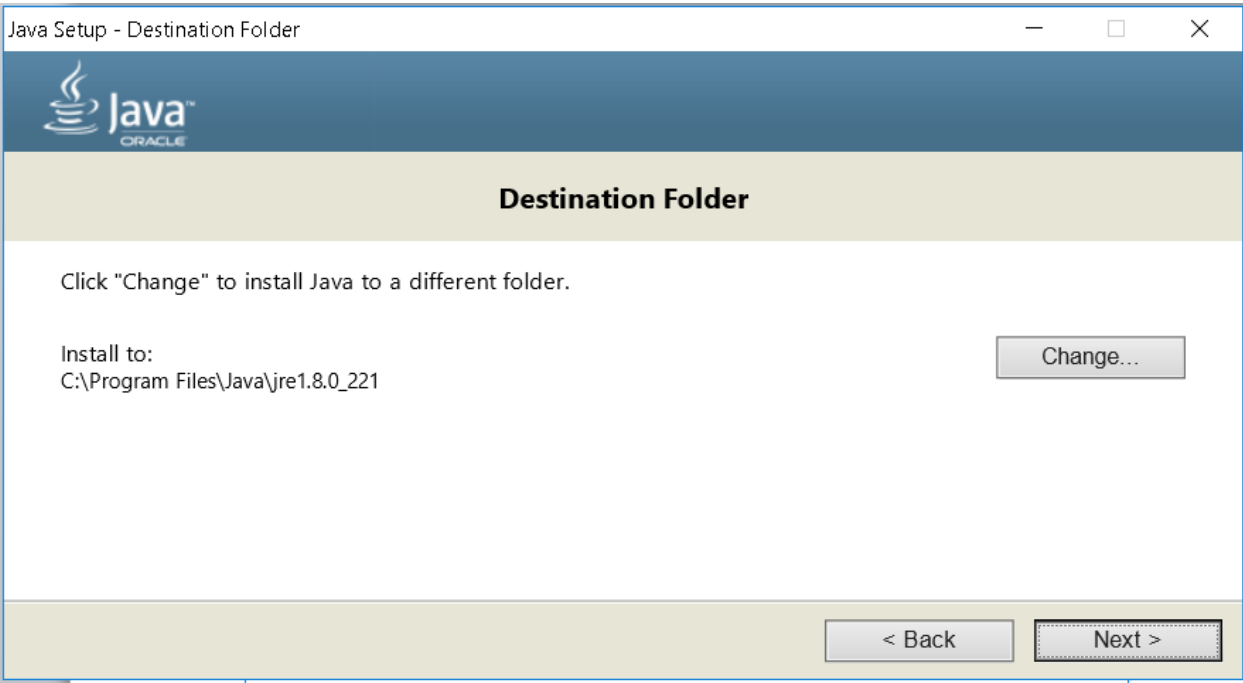
## JDK INSTALLATION



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

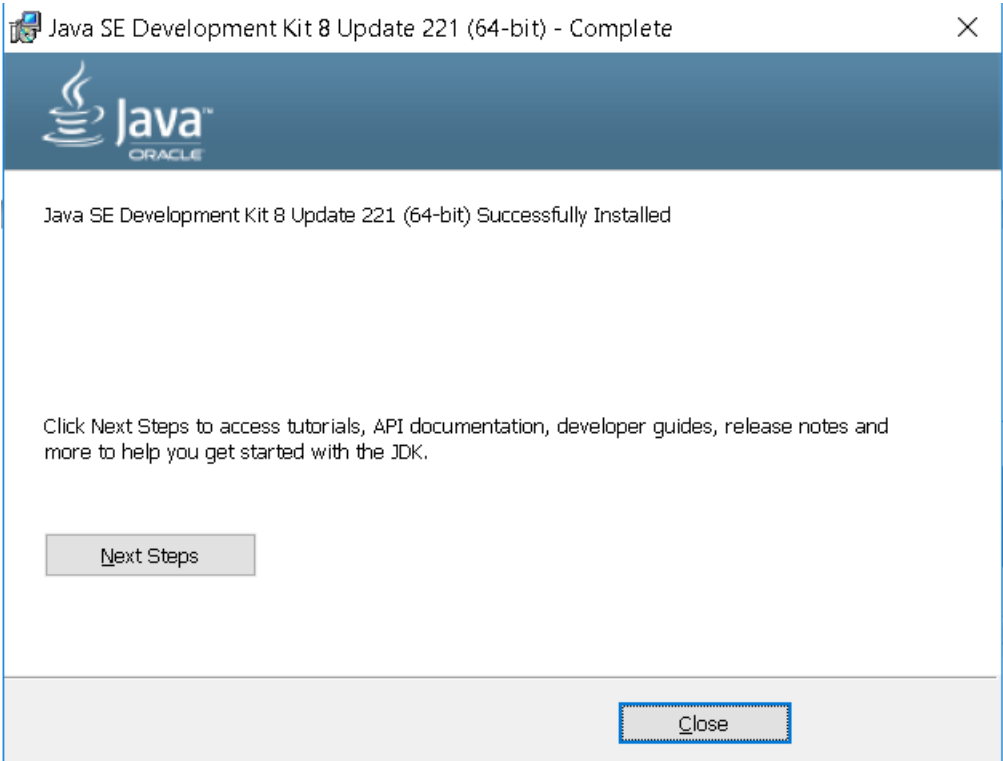


- Select Destination folder for your Java or choose default and proceed to next step.



- Now Java Setup installation is in progress



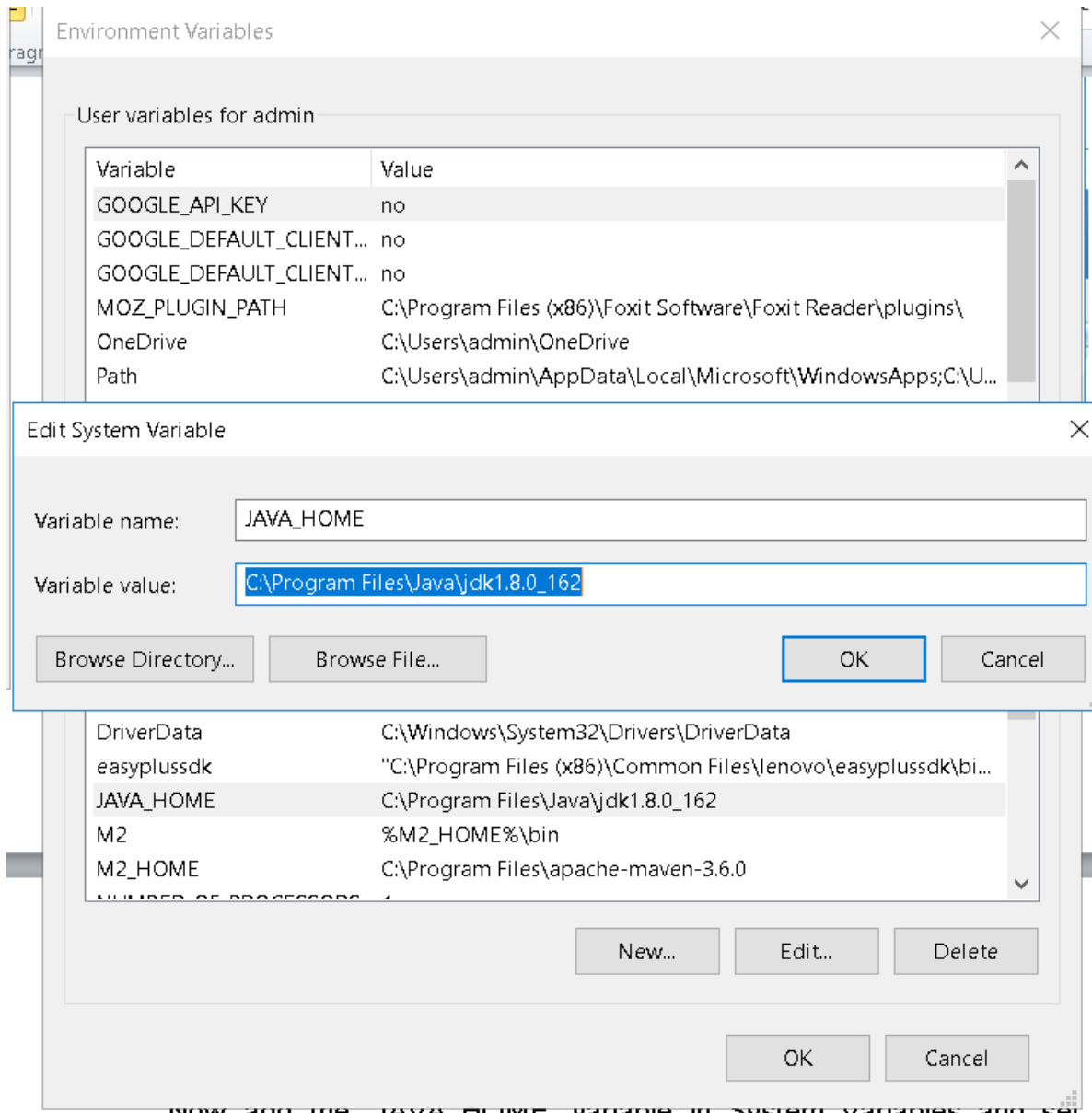


When you see this window, the installation is completed. You can close the window.

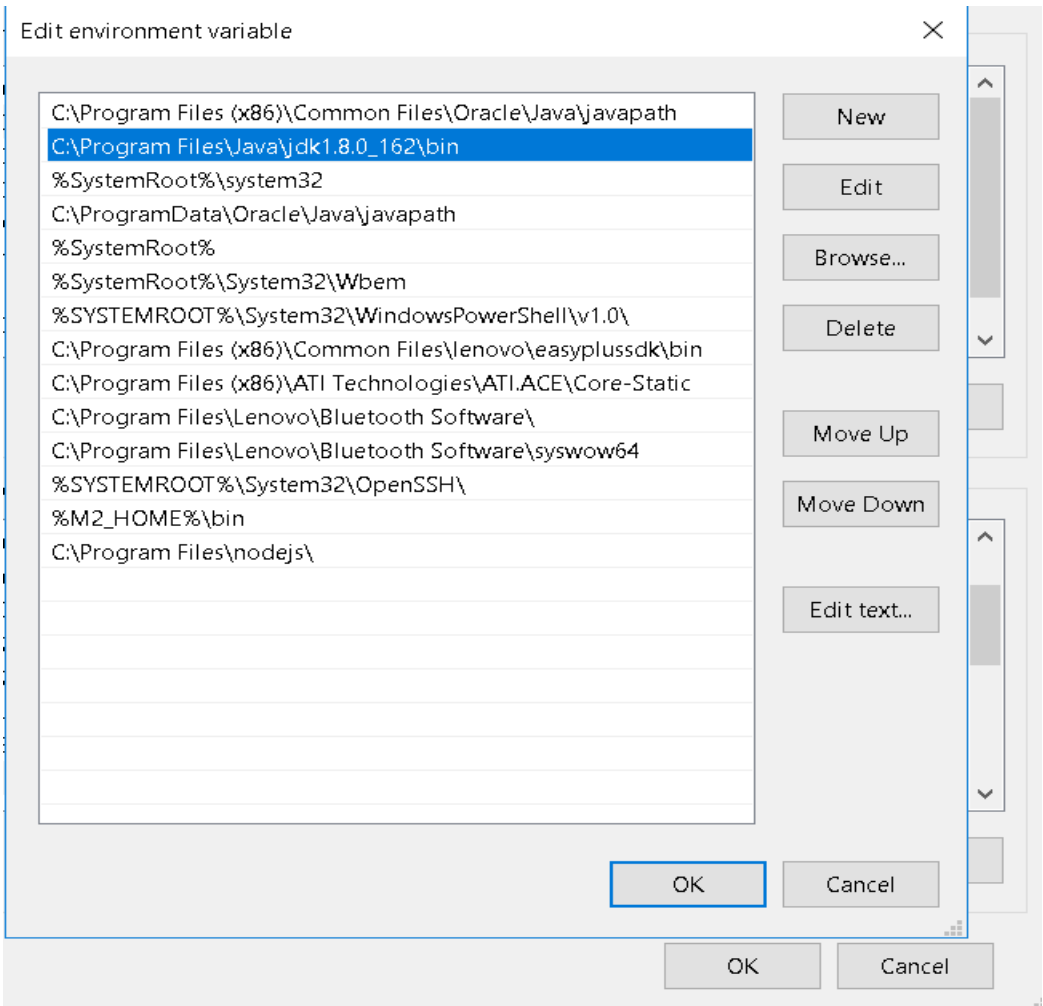
## Set JAVA\_HOME

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.

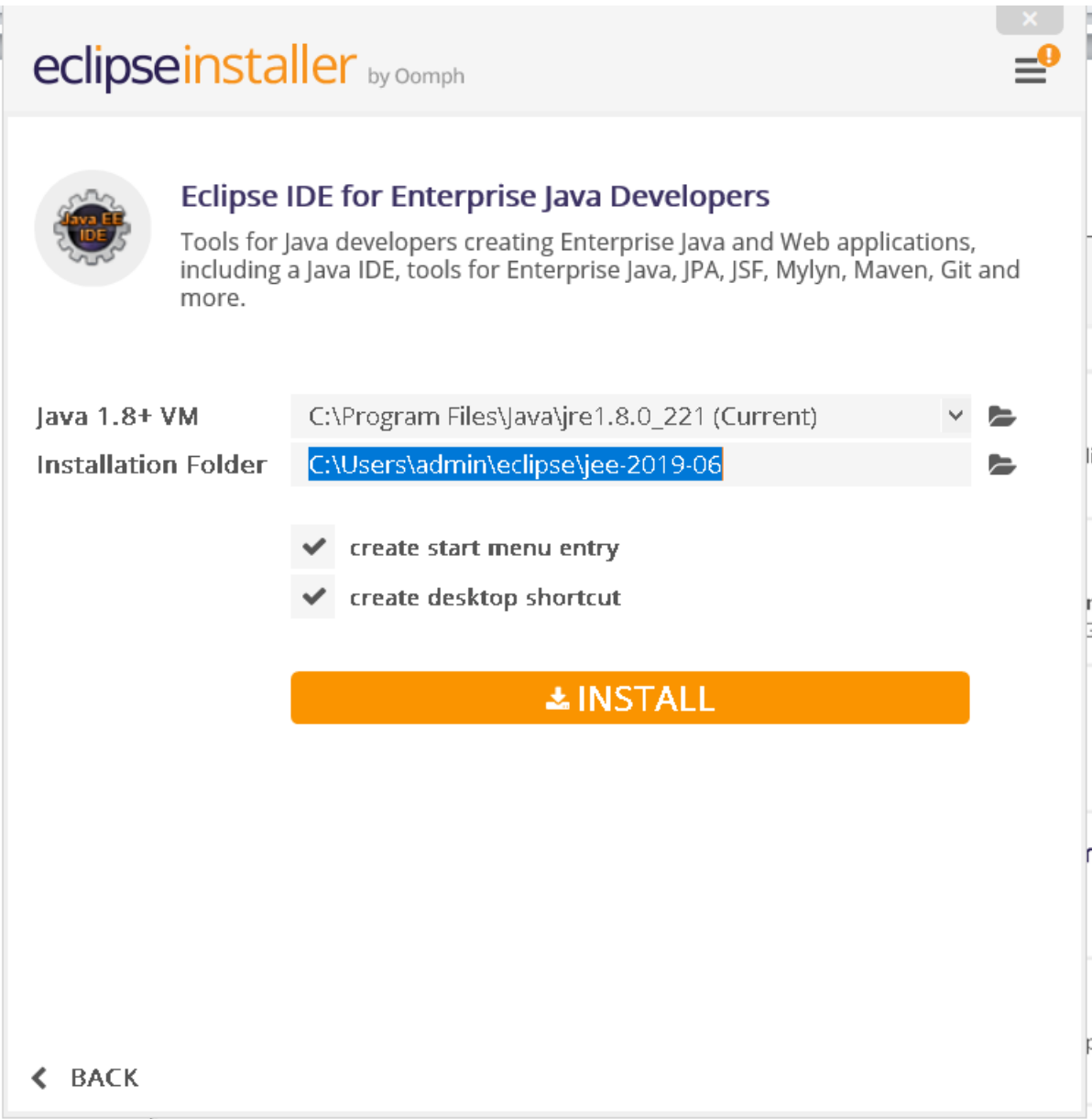
You can download Eclipse with below url, or any latest version of Eclipse will work( you can also google).

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

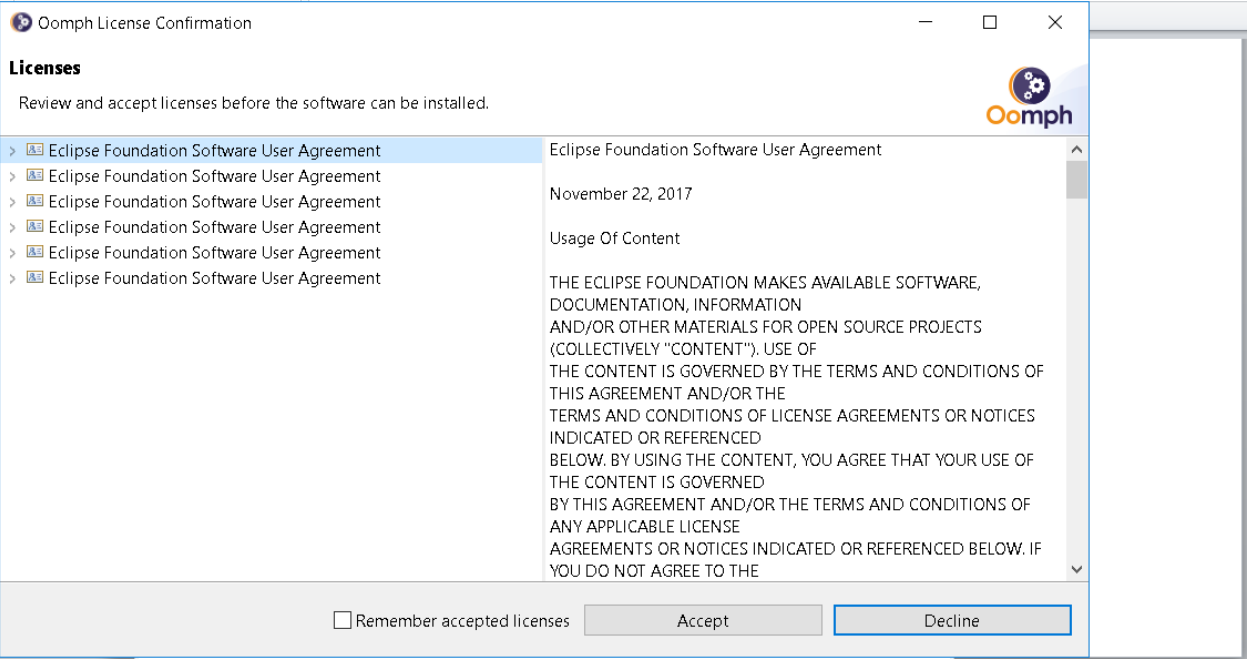
- Once you click on button, it will start downloading.
- You will get below window for installation.



- 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

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

Files

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	<a href="#">apache-maven-3.6.1-bin.tar.gz</a>	<a href="#">apache-maven-3.6.1-bin.tar.gz.sha512</a>	<a href="#">apache-maven-3.6.1-bin.tar.gz.asc</a>
Binary zip archive	<a href="#">apache-maven-3.6.1-bin.zip</a>	<a href="#">apache-maven-3.6.1-bin.zip.sha512</a>	<a href="#">apache-maven-3.6.1-bin.zip.asc</a>
Source tar.gz archive	<a href="#">apache-maven-3.6.1-src.tar.gz</a>	<a href="#">apache-maven-3.6.1-src.tar.gz.sha512</a>	<a href="#">apache-maven-3.6.1-src.tar.gz.asc</a>
Source zip archive	<a href="#">apache-maven-3.6.1-src.zip</a>	<a href="#">apache-maven-3.6.1-src.zip.sha512</a>	<a href="#">apache-maven-3.6.1-src.zip.asc</a>

▪ [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.

→ ↺ [camunda.com/download/modeler/](#)

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

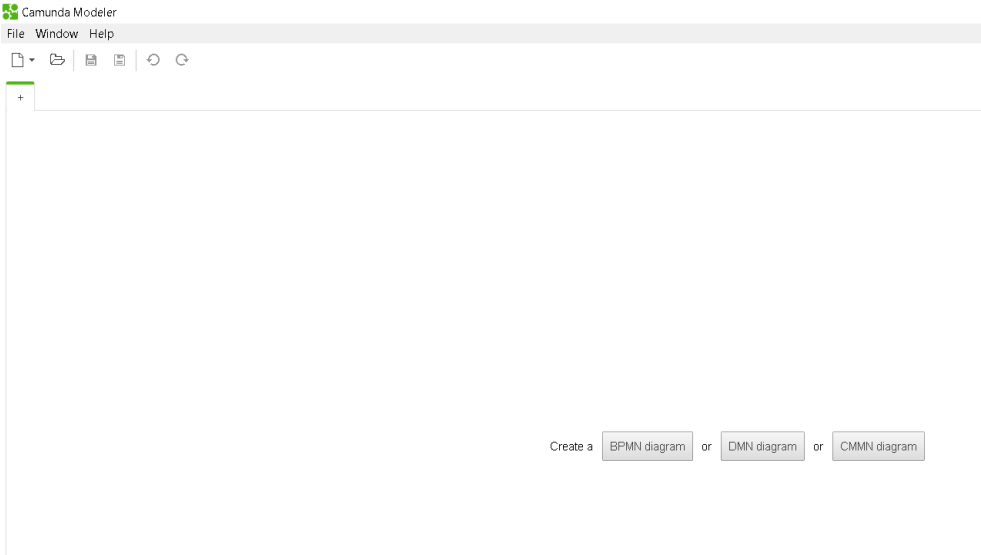
Download: [↓ Mac OS .zip](#) [↓ Mac OS .dmg](#)  
[↓ Windows 32bit](#) [↓ Windows 64bit](#)  
[↓ Linux 32bit](#) [↓ Linux 64bit](#)

- 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
<b>Camunda Modeler</b>	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
libGIFSw2.dll	17-09-2018 18:55	Application extens...	3.762 KB

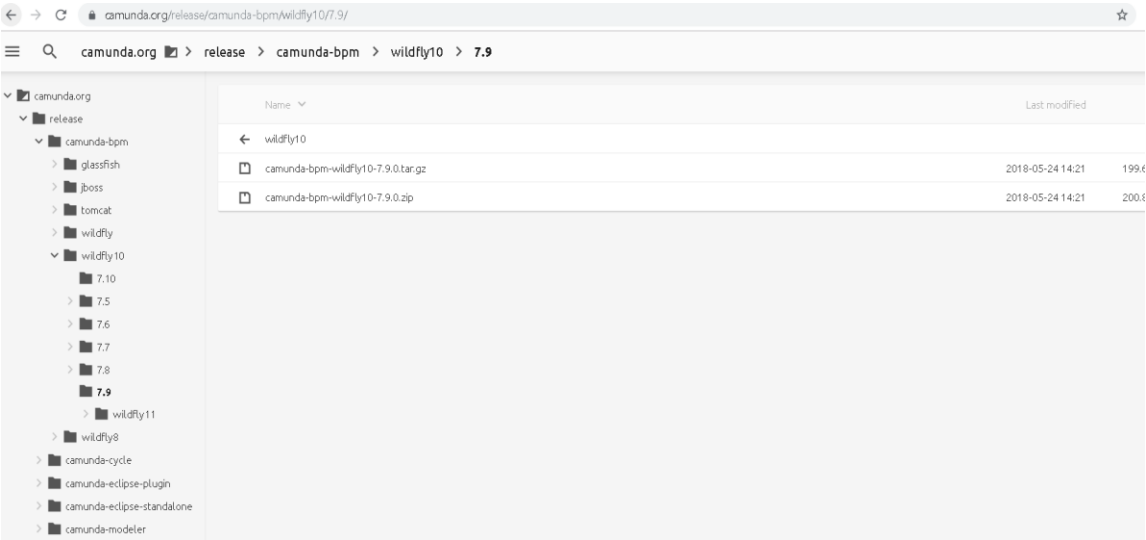
- If you open Modeler, you can see this window :



- 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

dows (C:) > Users > admin > Downloads > camunda-bpm-wildfly10-7.9.0				
Name	Date modified	Type	Size	
lib	24-05-2018 10:13	File folder		
modules	24-05-2018 10:25	File folder		
server	24-05-2018 10:26	File folder		
sql	24-05-2018 10:27	File folder		
LICENSE_BOOK-7.9.0	24-05-2018 10:18	Text Document	108 KB	
LICENSE-2.0	24-05-2018 10:26	Text Document	12 KB	
README	24-05-2018 10:26	Text Document	2 KB	
start-camunda	24-05-2018 10:26	Windows Batch File	1 KB	
start-camunda.sh	24-05-2018 10:26	SH File	1 KB	

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

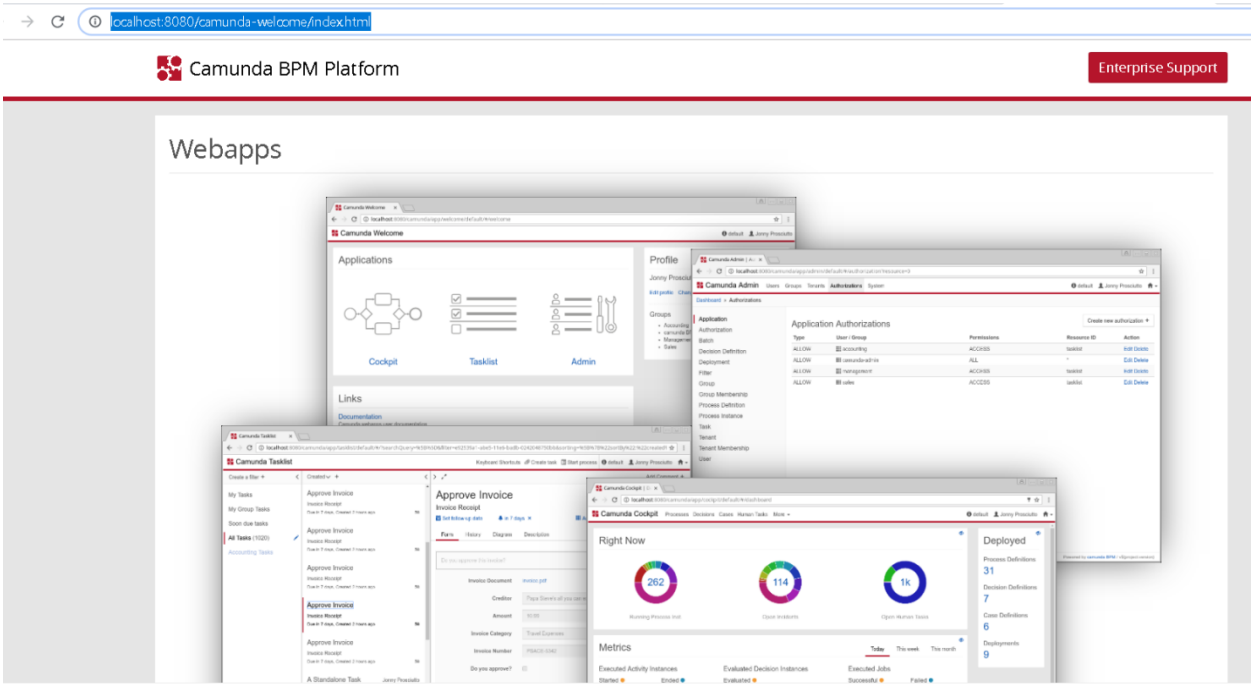
```
C:\WINDOWS\system32\cmd.exe - standalone.bat

11:29:27,187 INFO [org.hibernate.validator.internal.util.Version] (ServerService Thread Pool -- 108) HV000001: Hibernate Validator 5.2.4.Final
11:29:27,399 INFO [org.wildfly.extension.undertow] (ServerService Thread Pool -- 108) WFLYUT0021: Registered web context: /engine-rest
11:29:27,815 INFO [org.camunda.bpm.example.invoice.InvoiceProcessApplication] (MSC service thread 1-6) Start 3 instances of Invoice Receipt, version 1
11:29:31,327 INFO [org.camunda.bpm.example.invoice.service.NotifyCreditorService] (MSC service thread 1-6)

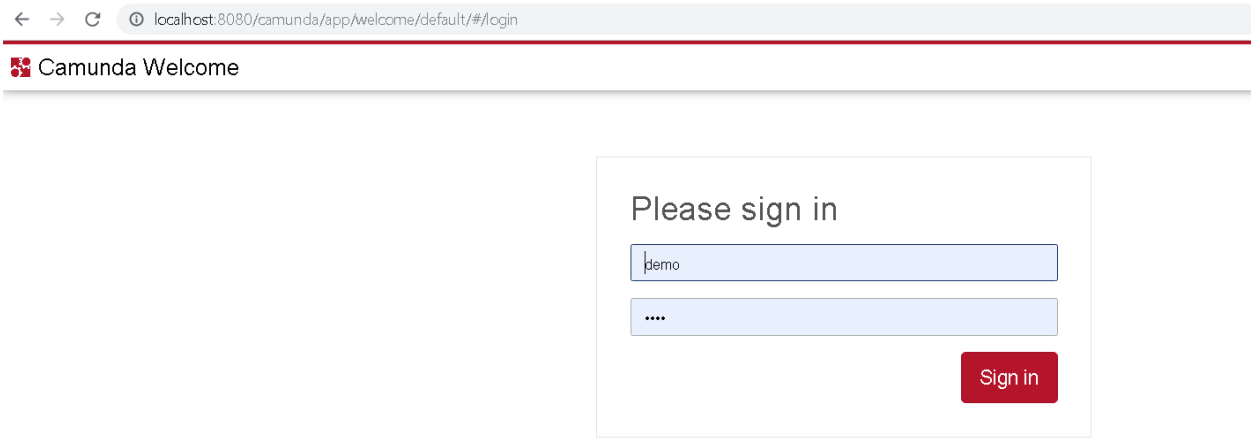
... Now notifying creditor Bobby's Office Supplies

11:29:31,727 INFO [org.camunda.bpm.example.invoice.InvoiceProcessApplication] (MSC service thread 1-6) Start 3 instances of Invoice Receipt, version 2
11:29:32,619 INFO [org.jboss.as.server] (ServerService Thread Pool -- 61) WFLYSRV0010: Deployed "camunda-welcome.war" (runtime-name : "camunda-welcome.war")
11:29:32,627 INFO [org.jboss.as.server] (ServerService Thread Pool -- 61) WFLYSRV0010: Deployed "camunda-webapp-jboss-7.9.0.war" (runtime-name : "camunda-webapp-jboss-7.9.0.war")
11:29:32,631 INFO [org.jboss.as.server] (ServerService Thread Pool -- 61) WFLYSRV0010: Deployed "camunda-h2-webapp-7.9.0.war" (runtime-name : "camunda-h2-webapp-7.9.0.war")
11:29:32,631 INFO [org.jboss.as.server] (ServerService Thread Pool -- 61) WFLYSRV0010: Deployed "camunda-example-invoice-7.9.0.war" (runtime-name : "camunda-example-invoice-7.9.0.war")
11:29:32,631 INFO [org.jboss.as.server] (ServerService Thread Pool -- 61) WFLYSRV0010: Deployed "camunda-engine-rest-7.9.0.war" (runtime-name : "camunda-engine-rest-7.9.0.war")
11:29:32,975 INFO [org.jboss.as] (Controller Boot Thread) WFLYSRV0060: Http management interface listening on http://127.0.0.1:9990/management
11:29:32,979 INFO [org.jboss.as] (Controller Boot Thread) WFLYSRV0051: Admin console listening on http://127.0.0.1:9990
11:29:32,983 INFO [org.jboss.as] (Controller Boot Thread) WFLYSRV0025: WildFly Full 10.1.0.Final (WildFly Core 2.2.0.Final) started in 130364ms. Started 759 of 1033 services (449 services are lazy, passive or on-demand)
```

- 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.

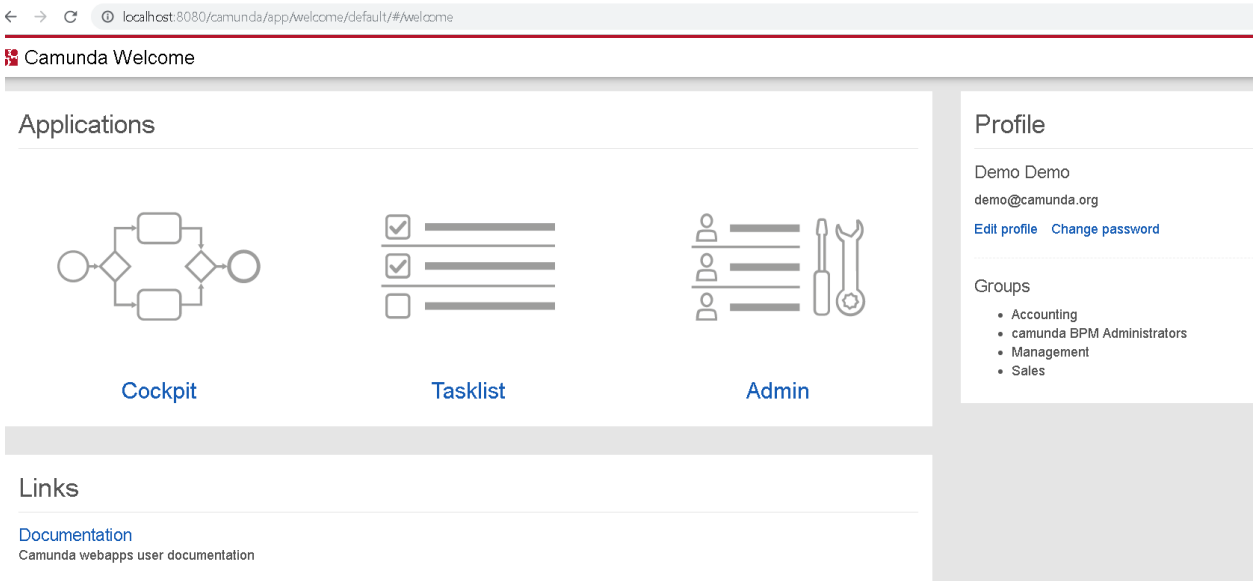


- Now your server is started(see the server console).
- You can click on any of 4 windows, it will redirect you to login page.



- Default Username/password is demo/demo. You will get below profile after login :





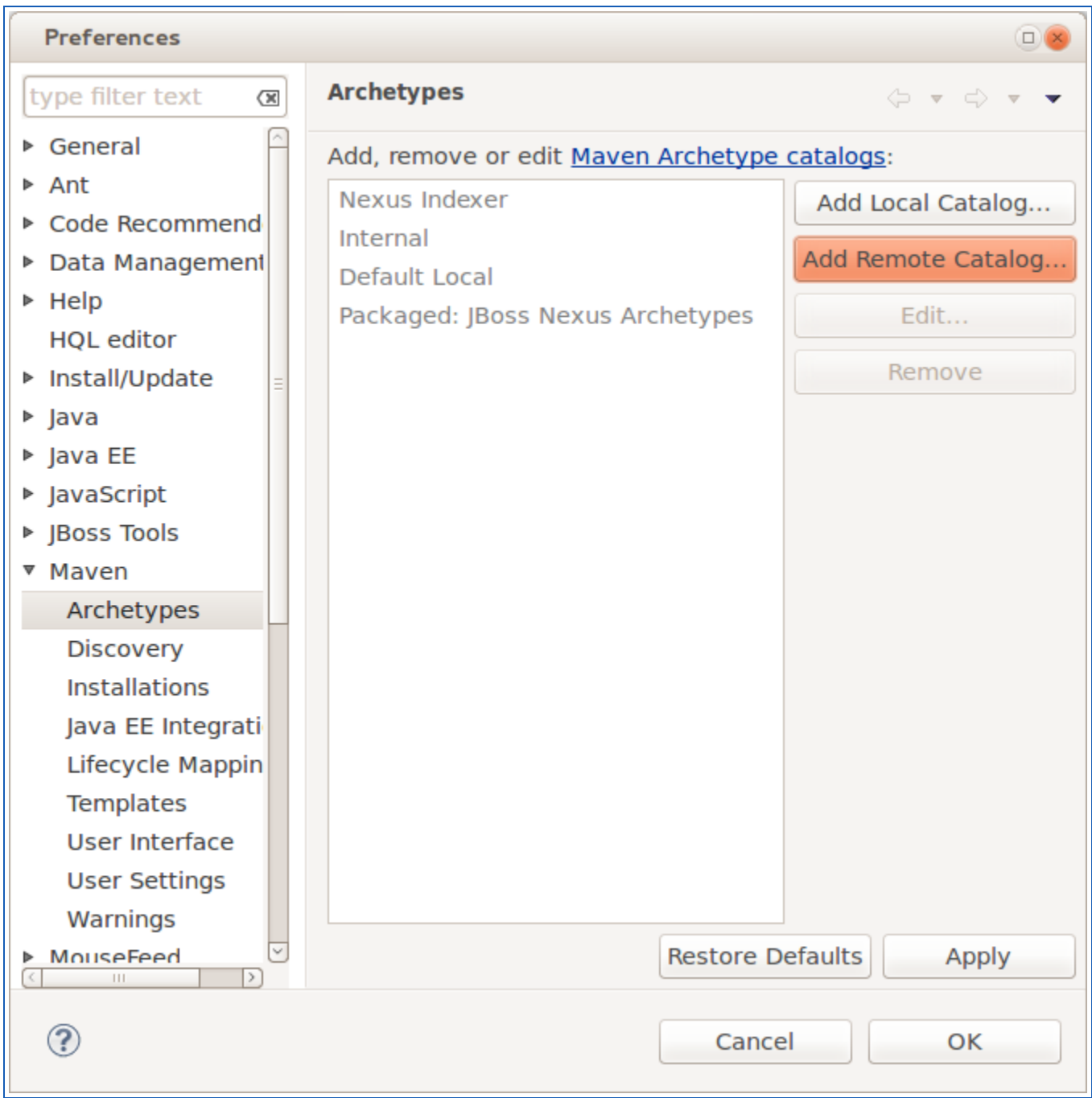
## Add Maven CamundaArchtype in Eclipse

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

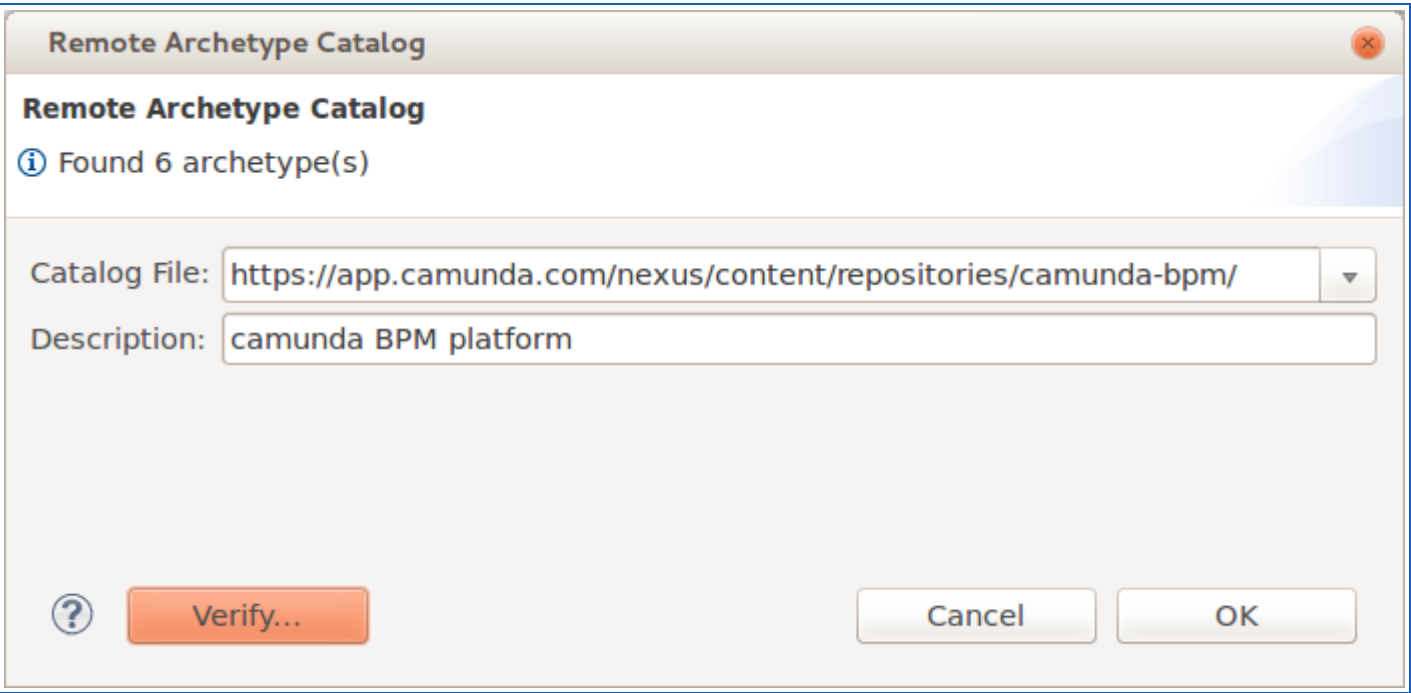
- Go to Preferences -> Maven -> Archetypes -> Add Remote Catalog



- Enter the following URL and description, click on **Verify...** to test the connection and if that worked on **OK** to save the catalog.

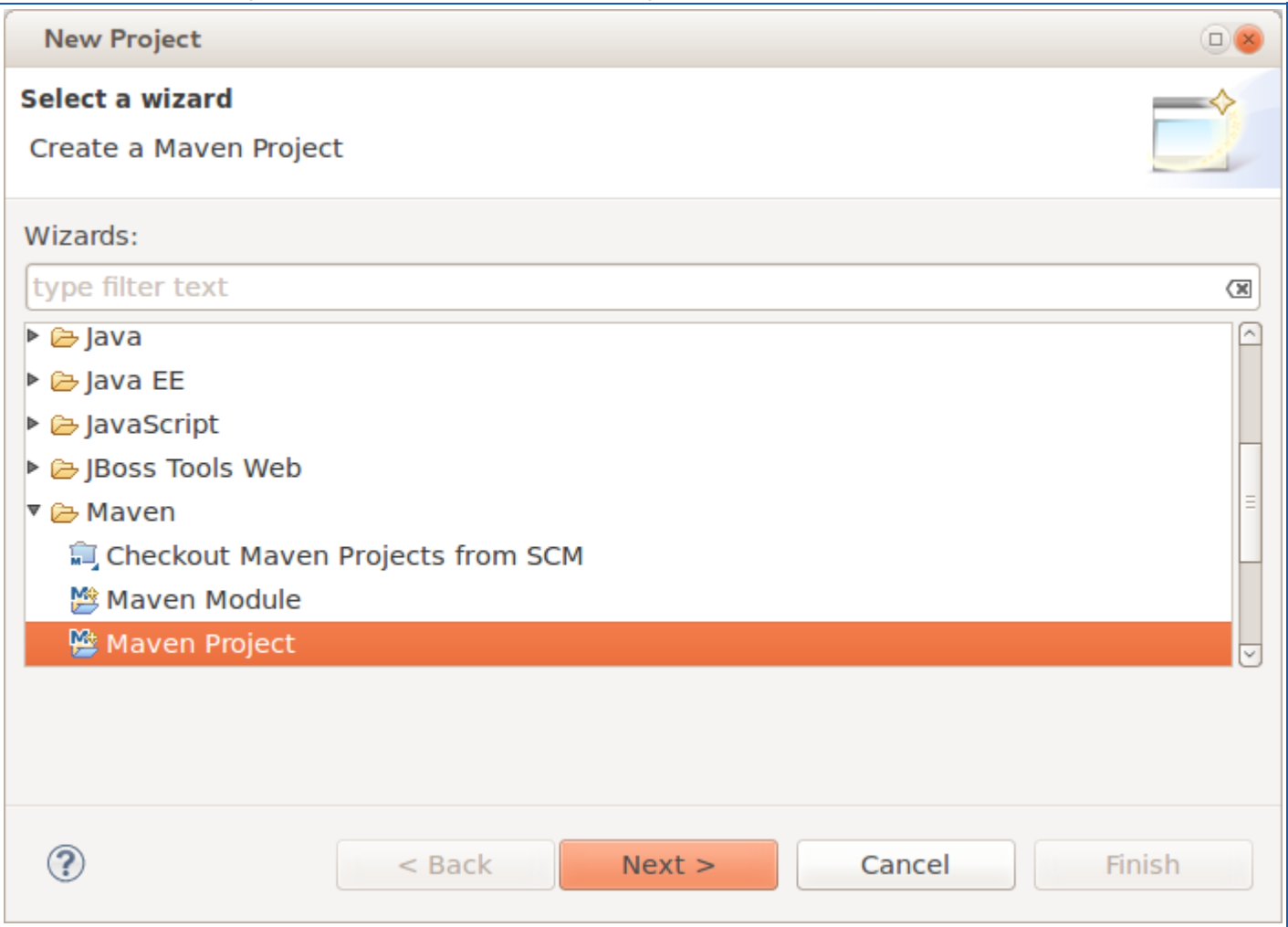
Catalog File: <https://app.camunda.com/nexus/content/repositories/camunda-bpm/>

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.

New Maven Project

New Maven project

Select project name and location

☐ Create a simple project (skip archetype selection)

☒ Use default Workspace location

Location: 

Browse...

☐ Add project(s) to working set

Working set: 

More...

Advanced

< Back

Next >

Cancel

Finish

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

New Maven Project

New Maven project

Select an Archetype

Catalog: camunda BPM platform 

Configure...

Filter:

Group Id	Artifact Id	Version
org.camunda.bpm.archetype	camunda-archetype-ejb-war	7.0.0-Final
org.camunda.bpm.archetype	camunda-archetype-servlet-war	7.0.0-Final

Maven archetype for process applications that use the camunda BPM Platform in a Java EE Container  
<https://app.camunda.com/nexus/content/repositories/camunda-bpm>

☒ Show the last version of Archetype only ☐ Include snapshot archetypes 

Add Archetype...

Advanced

< Back

Next >

Cancel

Finish

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

New Maven Project

New Maven project

Specify Archetype parameters

M

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

Add...

Remove

Advanced

?

< Back

Next >

Cancel

Finish