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Importing and compiling with Eclipse

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October 28th, 2016

In this document, we are going to see how to import and compile with Eclipse. Note that only functionalities needed for this session are presented. Eclipse is a much more powerful IDE!

1. To import a project into Eclipse, we go to File→Import and select "Existing Maven Project" and on the next window we browse the project directory and let Eclipse work. Finally, when it's finished, we click on "Finish". See figures 1 and 2.
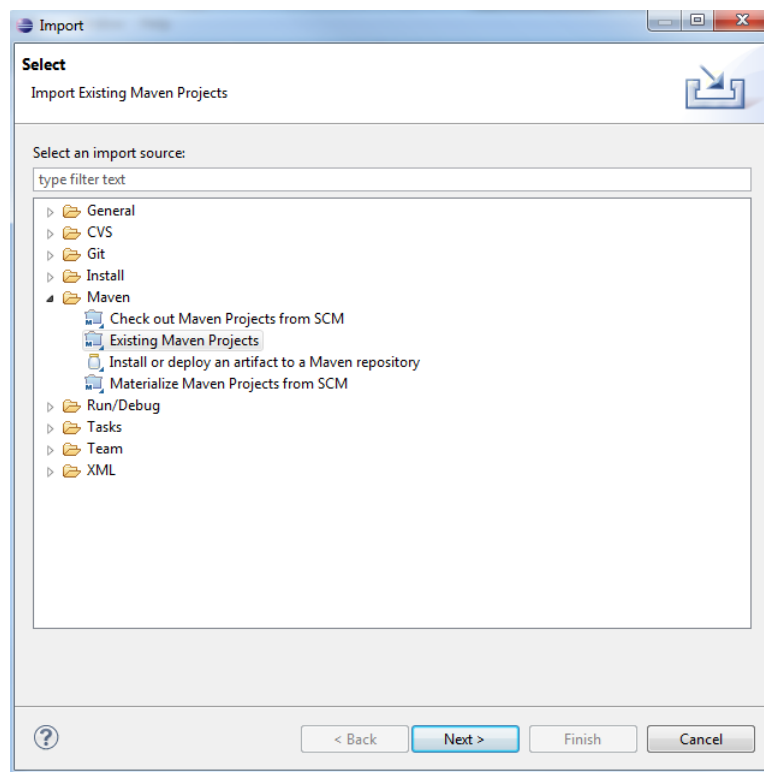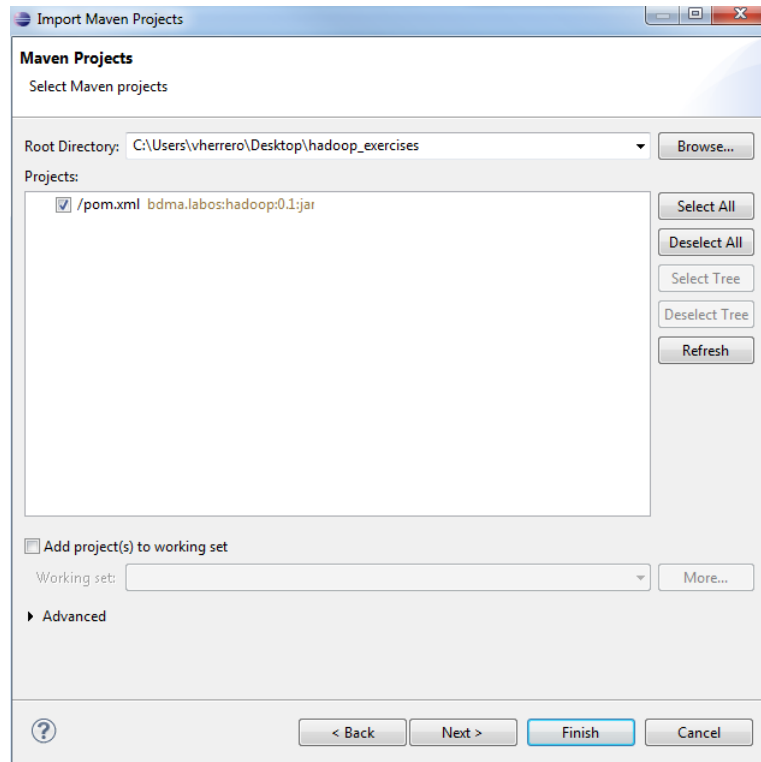

Figure 1: Import project (I)

Figure 2: Import project (II)

2. As for the code compiling and packaging my recommendations (to make things very simple) are as follows:

   (a) First you should turn off the auto-building option. That is, unselect the option you will find in Project→Build Automatically.

   (b) Secondly, you need to create a run configuration. To do so, go and click on Run→Run Configurations, select "Java Application" on the left menu and click on "New Launch Configuration".

   (c) Then, configure it as in figure 3.

3. The last things to check on are how to compile and make jars out of the code.

   (a) The compilation can be done by clicking on Project→Clean. This will open a new pop-up that must be set as shown in figure 4.

   (b) As for the exportation, this time, go to the menu in File→Export and click on "Runnable JAR file". On the next window, select the launch configuration you previously defined and also a directory where you want to save the JAR file. Finally, click on "Finish". See figures 5 and 6.
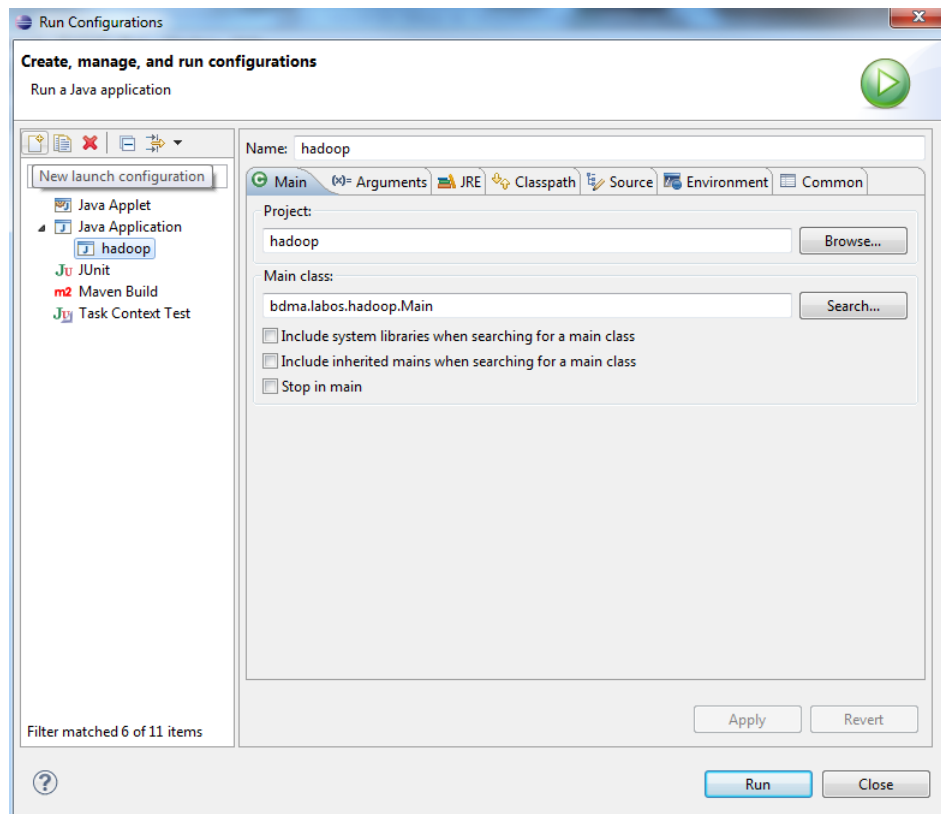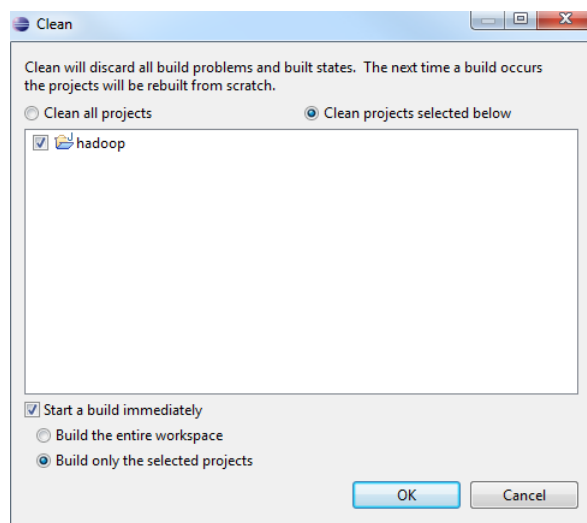
Figure 3: Create run configuration
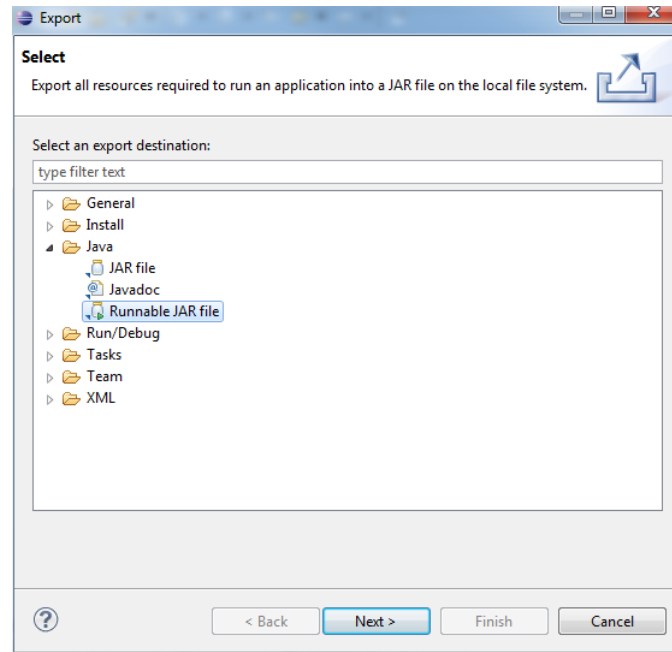

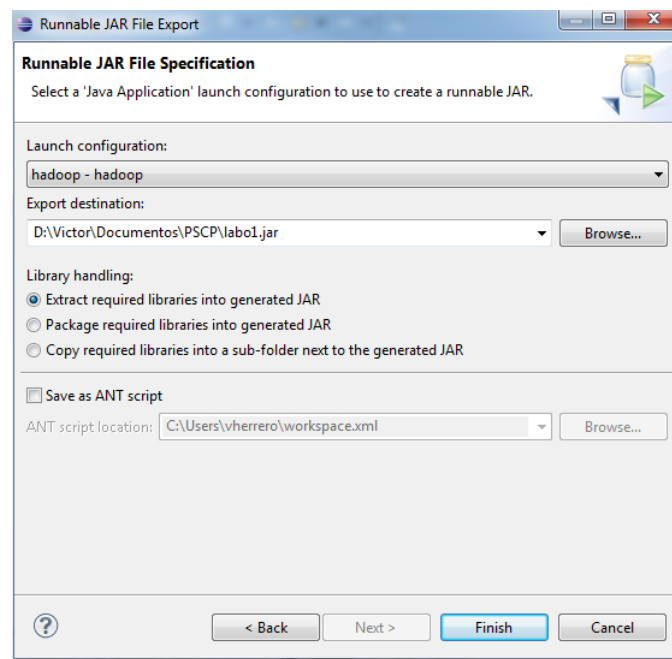Figure 4: Clean and compile the project

Figure 5: Build into a runnable JAR (I)

Figure 6: Build into a runnable JAR (II)