

# Importing and compiling with Eclipse

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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.

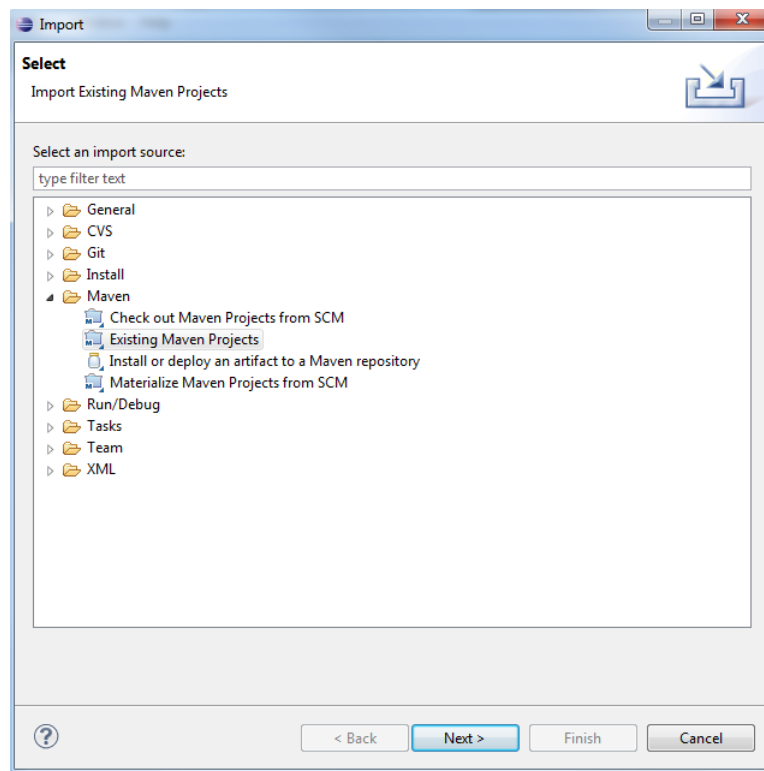


Figure 1: Import project (I)

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

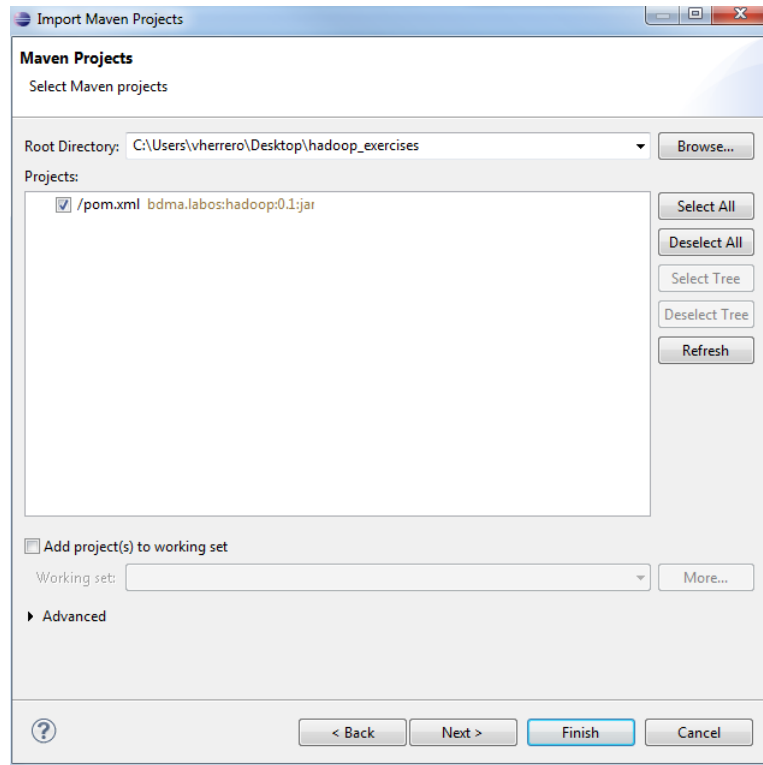


Figure 2: Import project (II)

- (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.

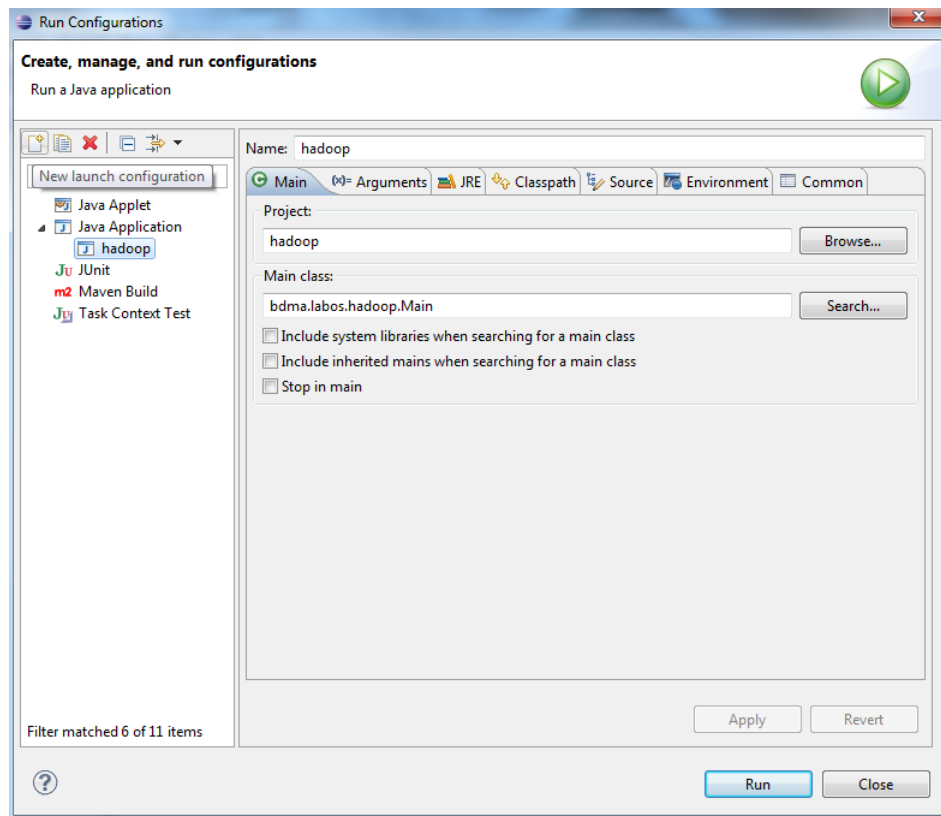


Figure 3: Create run configuration

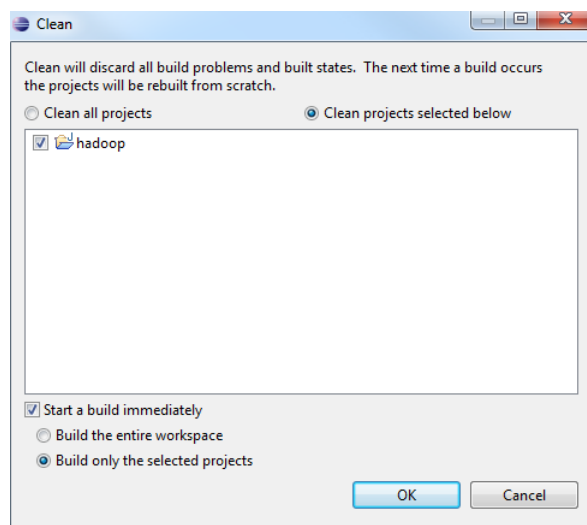


Figure 4: Clean and compile the project

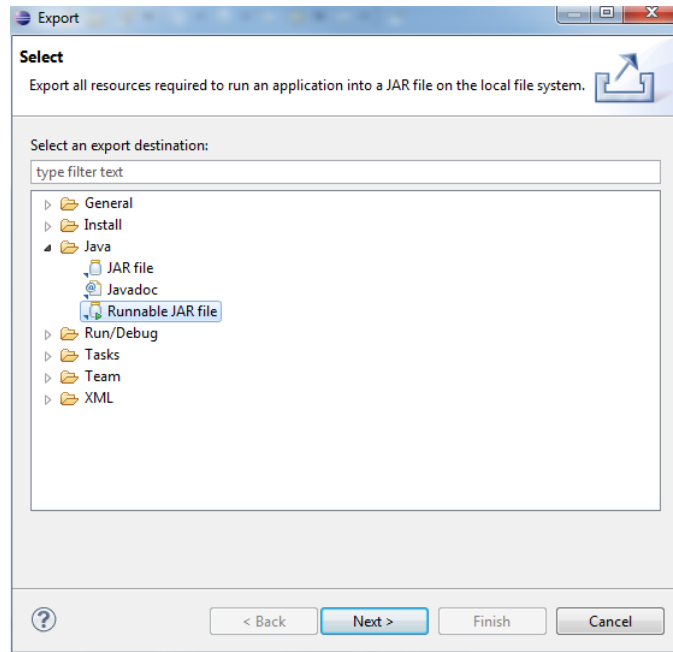


Figure 5: Build into a runnable JAR (I)

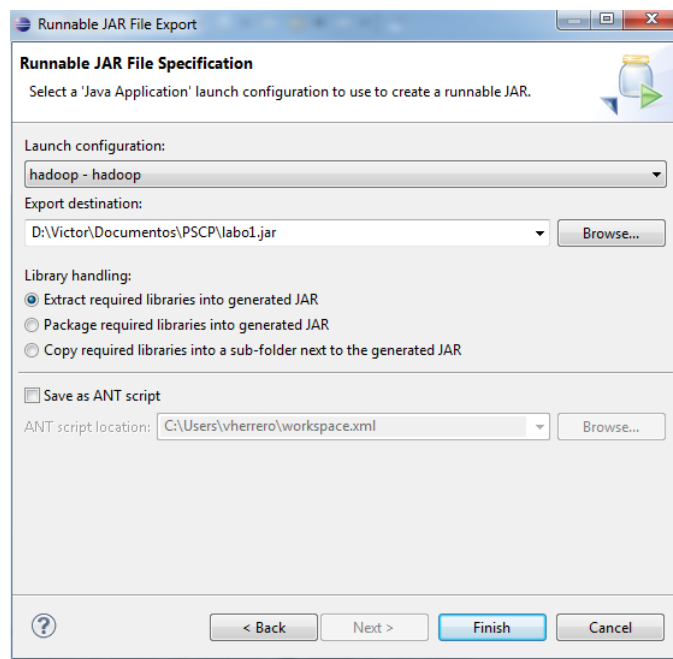


Figure 6: Build into a runnable JAR (II)