

Project

In this project you will implement the backend of a web application.

1. Submission instructions

The project should be submitted by pairs.

Dead line: 14/1/2018

The project will be checked frontally and the date of the frontal checking will be published soon.

2. Development instructions

Make sure you have the table from the previous assignment (MediaItems).

2.1. Preparations

2.1.1. Download Apache Tomcat:

<http://tomcat.apache.org/>

Choose core version that fits your OS, Eclipse and java version,

If you are using eclipse "luna" and Java 8 you should choose tomcat 8

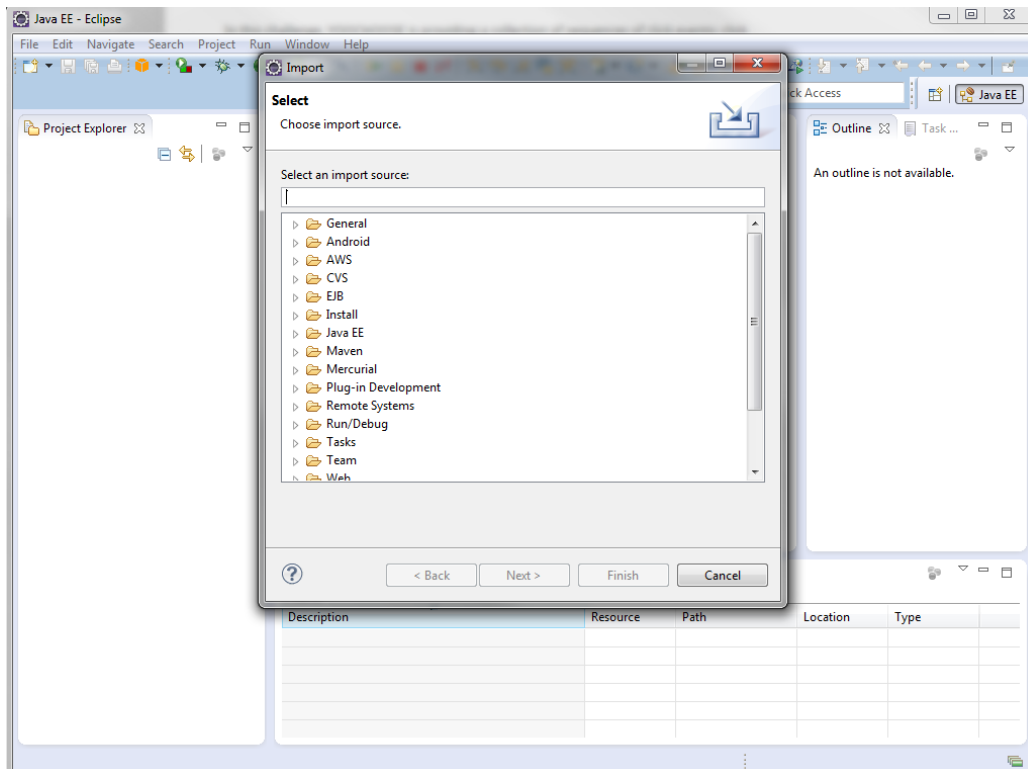
If you are using previous version of java or eclipse choose tomcat 7

No need to install only unpack.

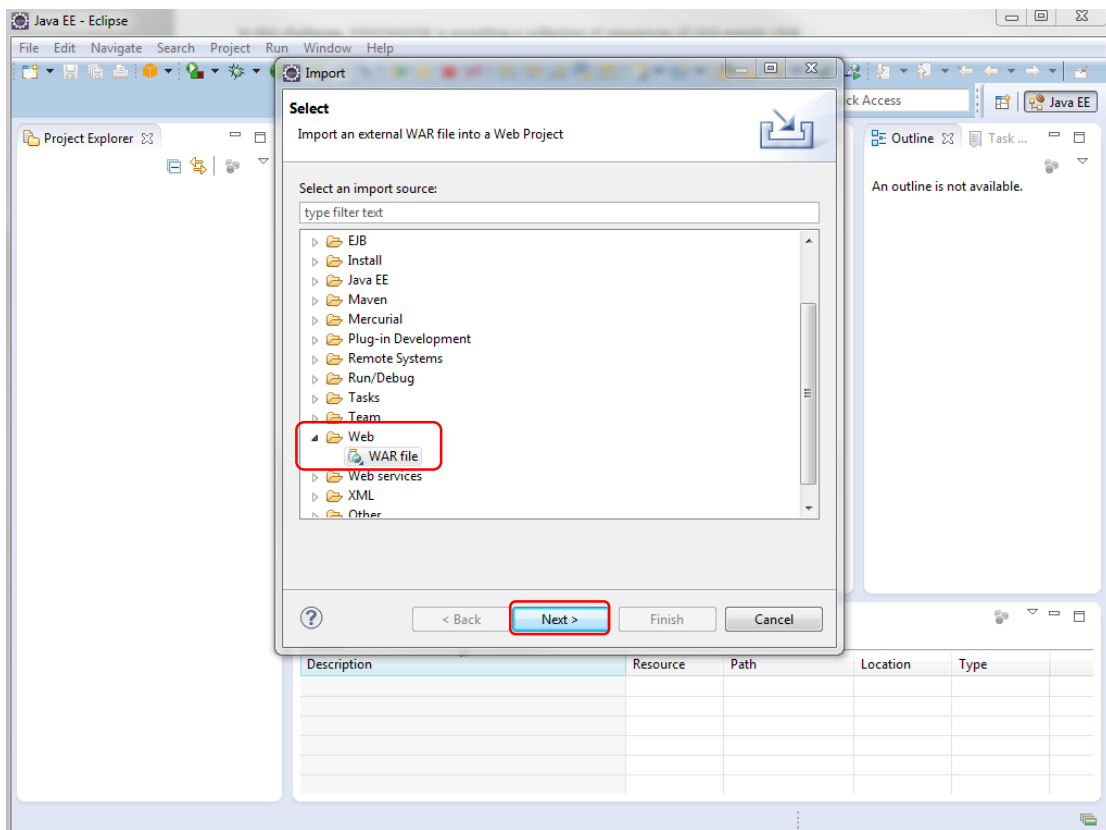
2.1.2. Download project war file from Moodle.

2.1.3. Import project to eclipse

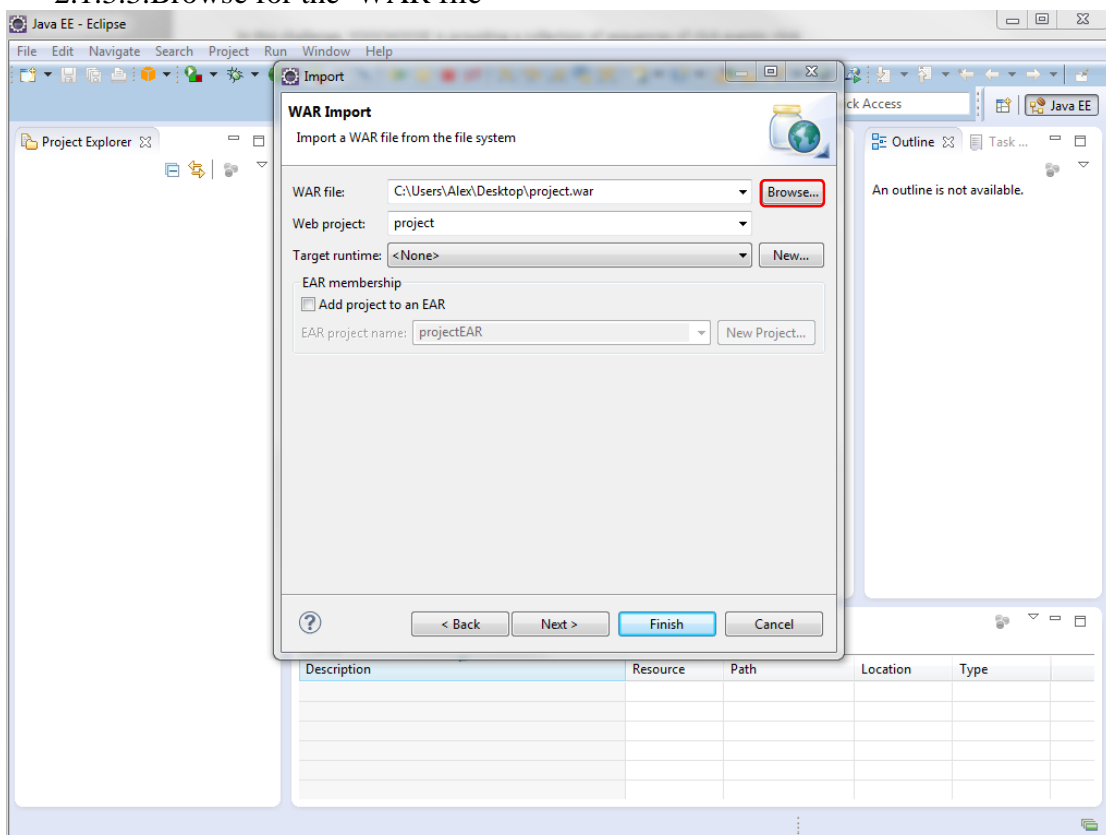
2.1.3.1. Open Eclipse, click on "File" -> "Import..."



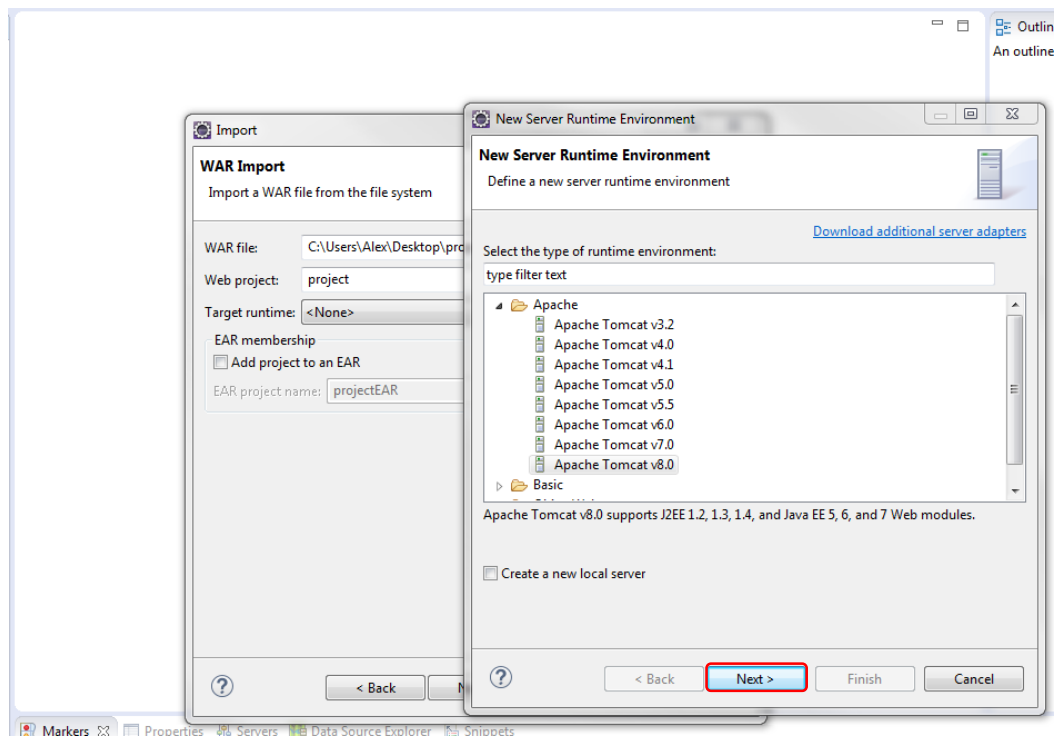
2.1.3.2. Choose "Web" -> "WAR file" -> "Next"



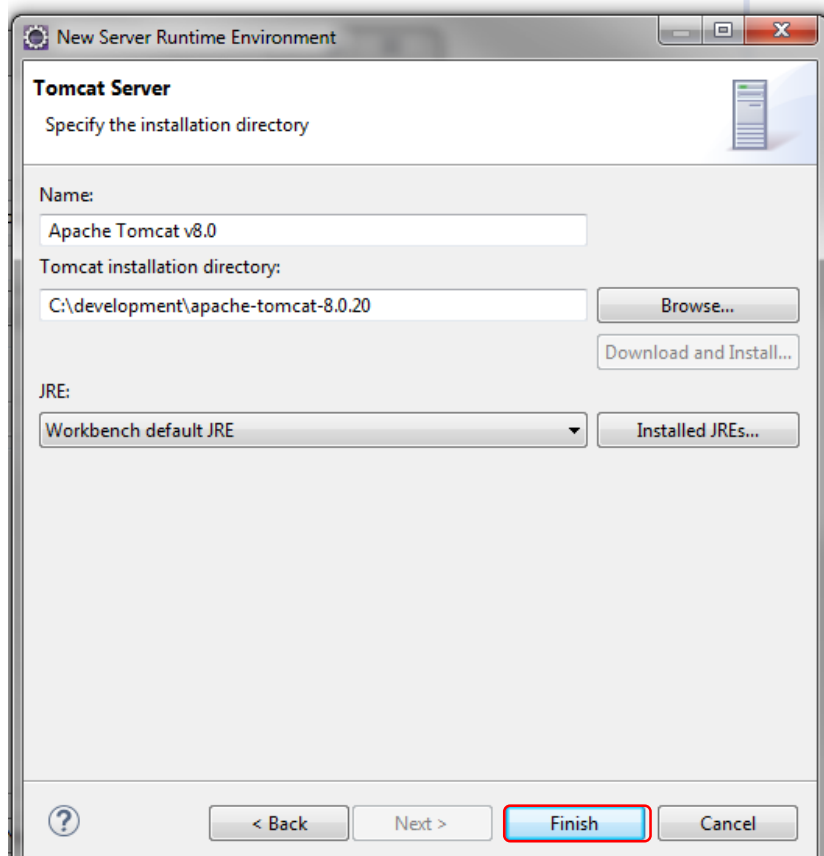
2.1.3.3. Browse for the WAR file



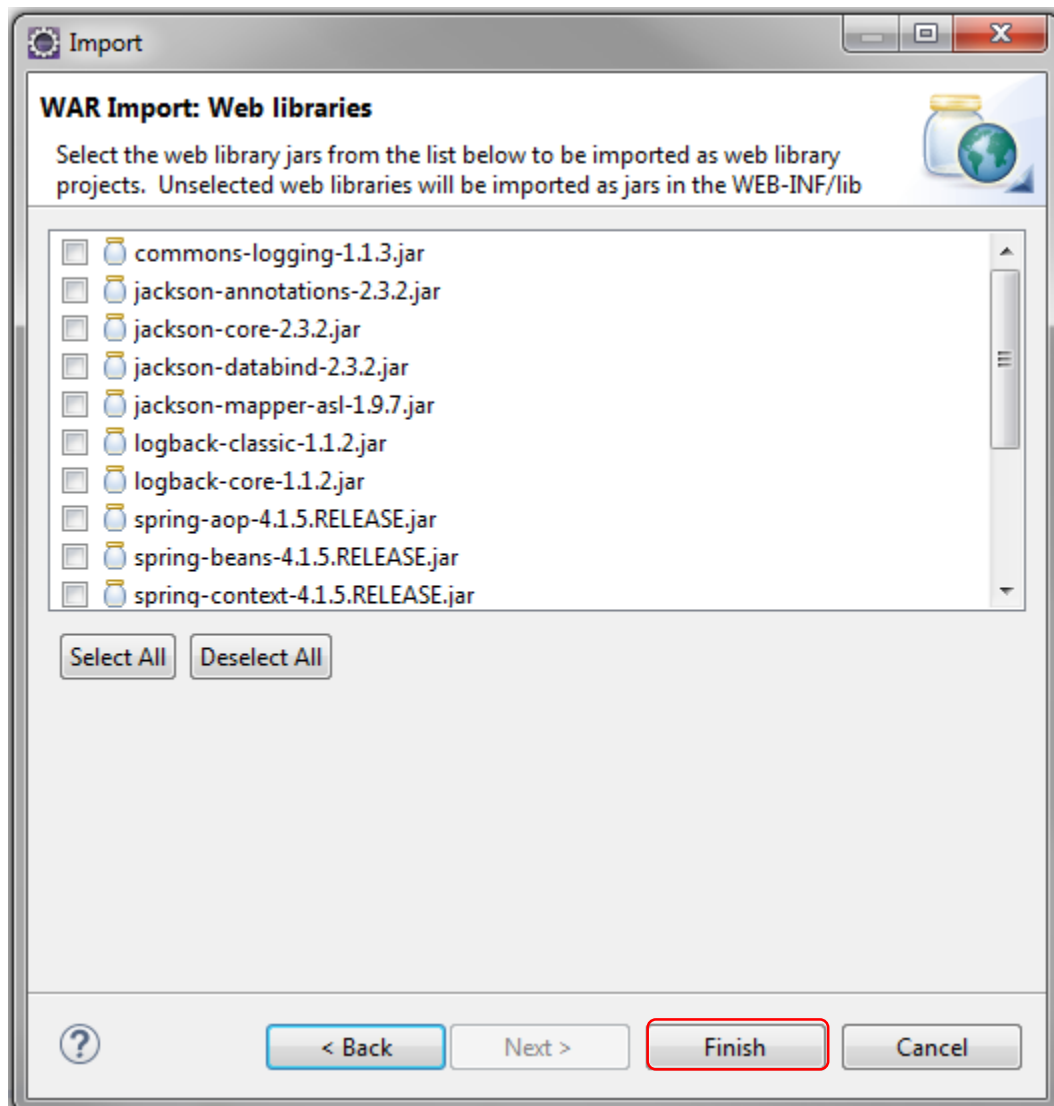
2.1.3.4. On the line of Target runtime click on "New..." and choose appropriate Apache Tomcat server, click on "Next"



2.1.3.5. Browse for Tomcat installation directory and click on "Finish"

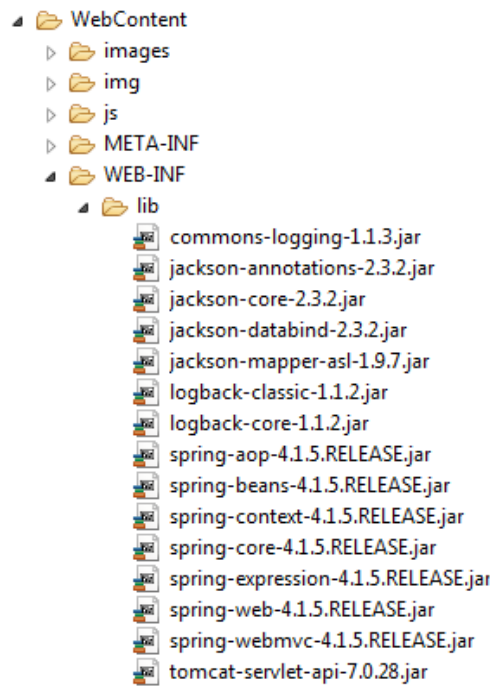


2.1.3.6. Don't choose anything and again click on "Finish"



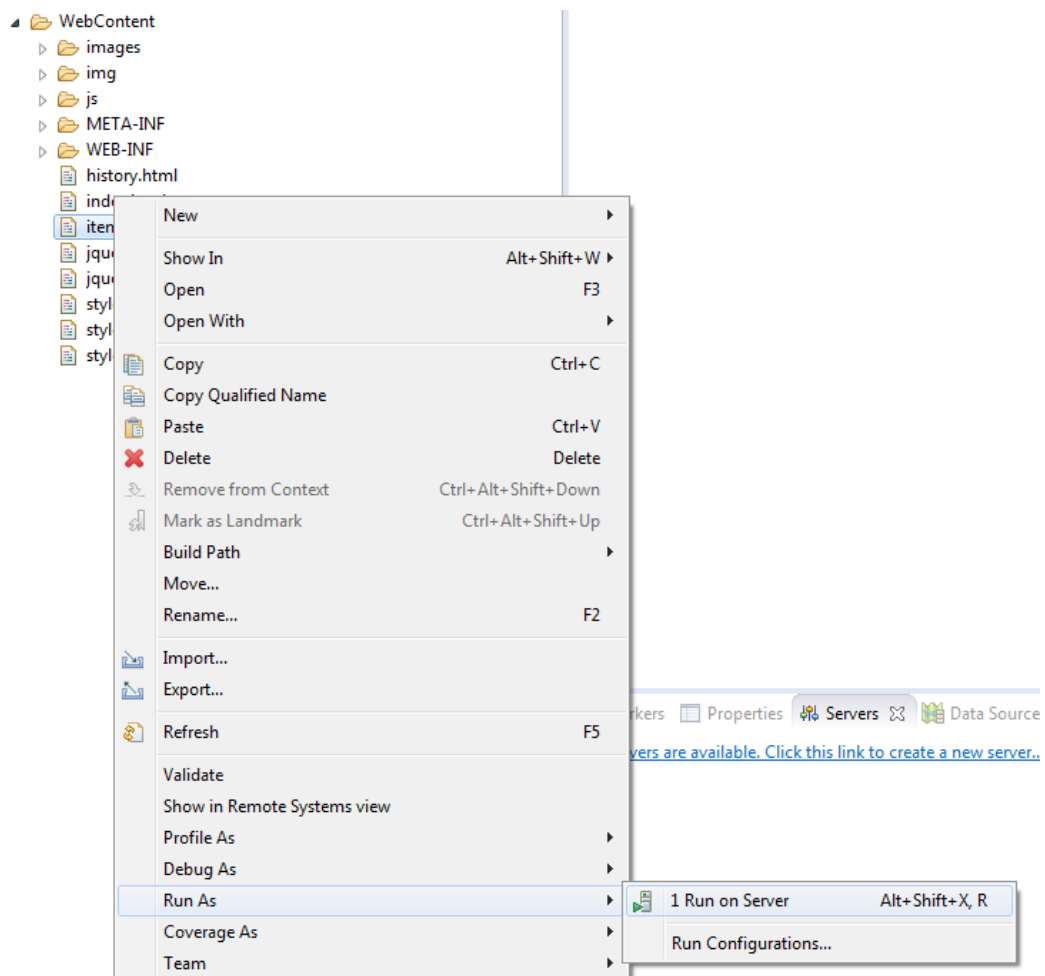
2.2. Java

- Implement all functions in *RegistrationController*, *ItemsController* and *HistoryController* you can use any NoSQL DB. Please read carefully the instructions written in Java Doc comments in these classes
- If you need to use any external libraries (jars) you should copy them physically to the folder "WebContent/WEB-INF/lib"
Don't touch the jars that already exists over there

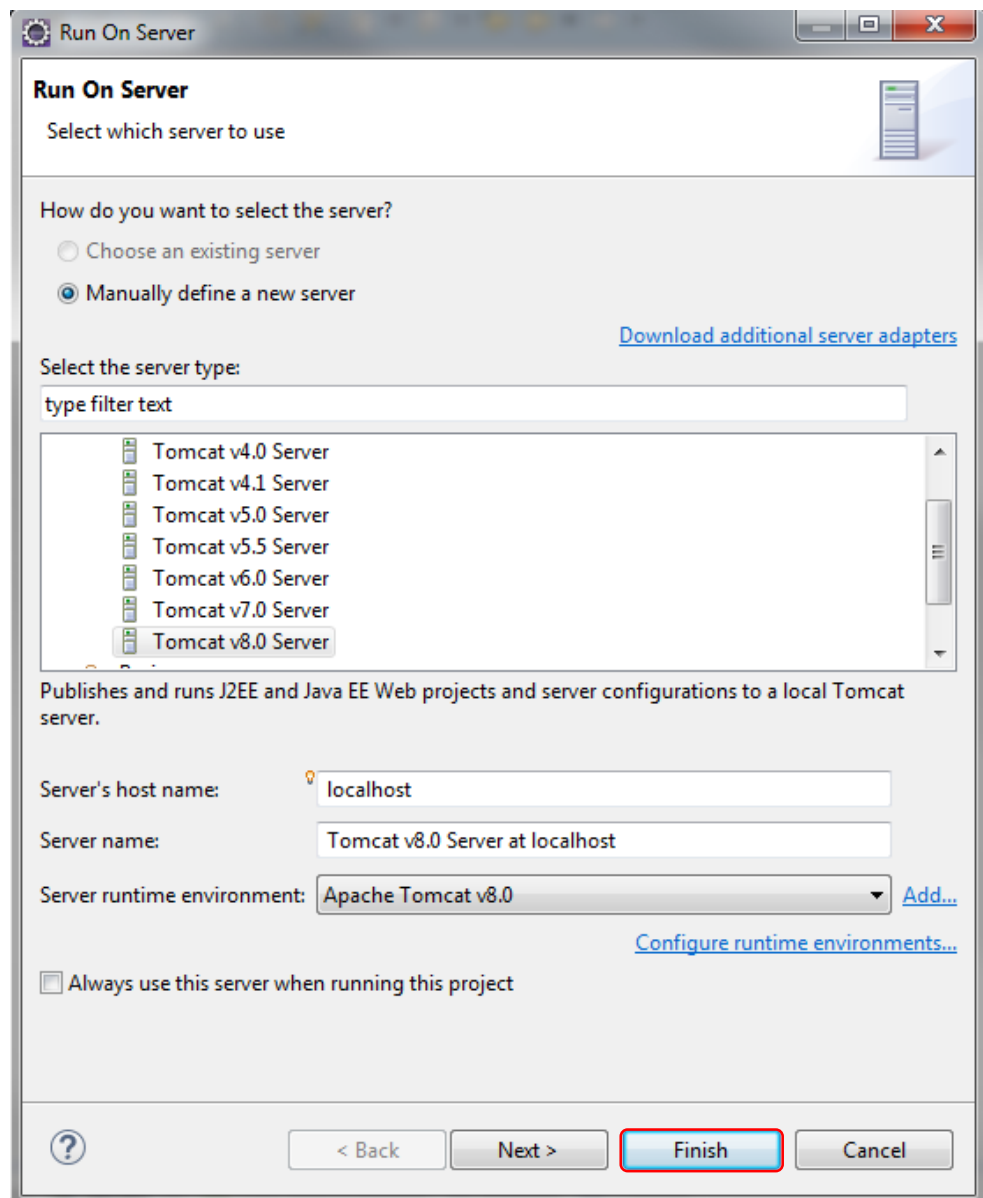


2.3. Running Web application in Eclipse

2.3.1. Click on "WebContent" -> right click on "index.html" -> "Run As" -> "Run on Server"



2.3.2. Choose your tomcat version and click on "Finish"



Good Luck !

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