Todo List

Set Up Guide

1   Programs and plug-ins

1.1   Eclipse

Get the eclipse from here: https://www.eclipse.org/downloads/packages/eclipse-ide-java-ee-developers/lunasr2

Extract it where you want and run the program. Select workspace.

1.2   Vaadin Plug-In for Eclipse

After the workspace loads follow this guide to add the plug-in:
https://vaadin.com/book/-/page/getting-started.eclipse.html

1.3   Server

Get the server from here: http://tomcat.apache.org/download-70.cgi

Extract it where you want.

On the Eclipse open "Servers"-tab and click the link to add new server.(Image 1)
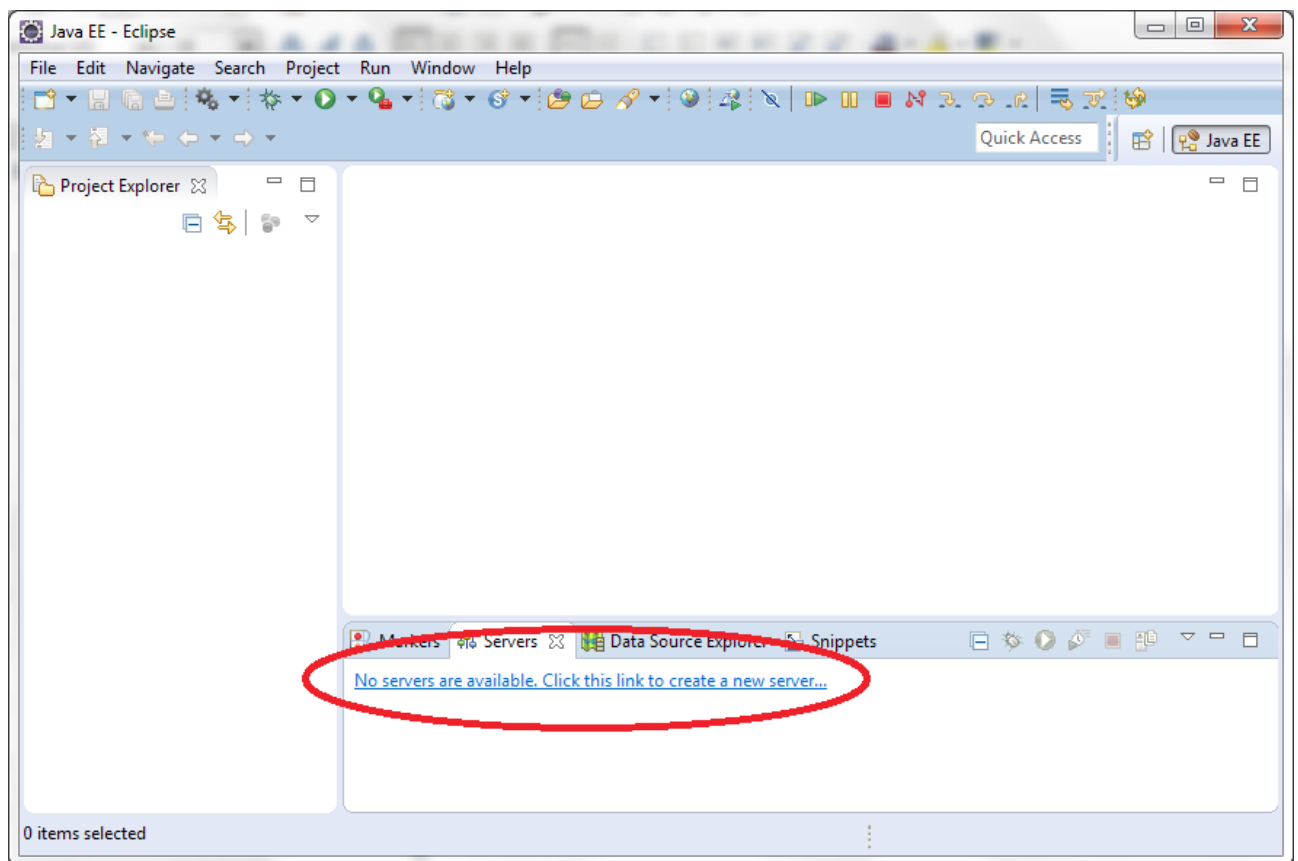

Image 1: Add server, step 1

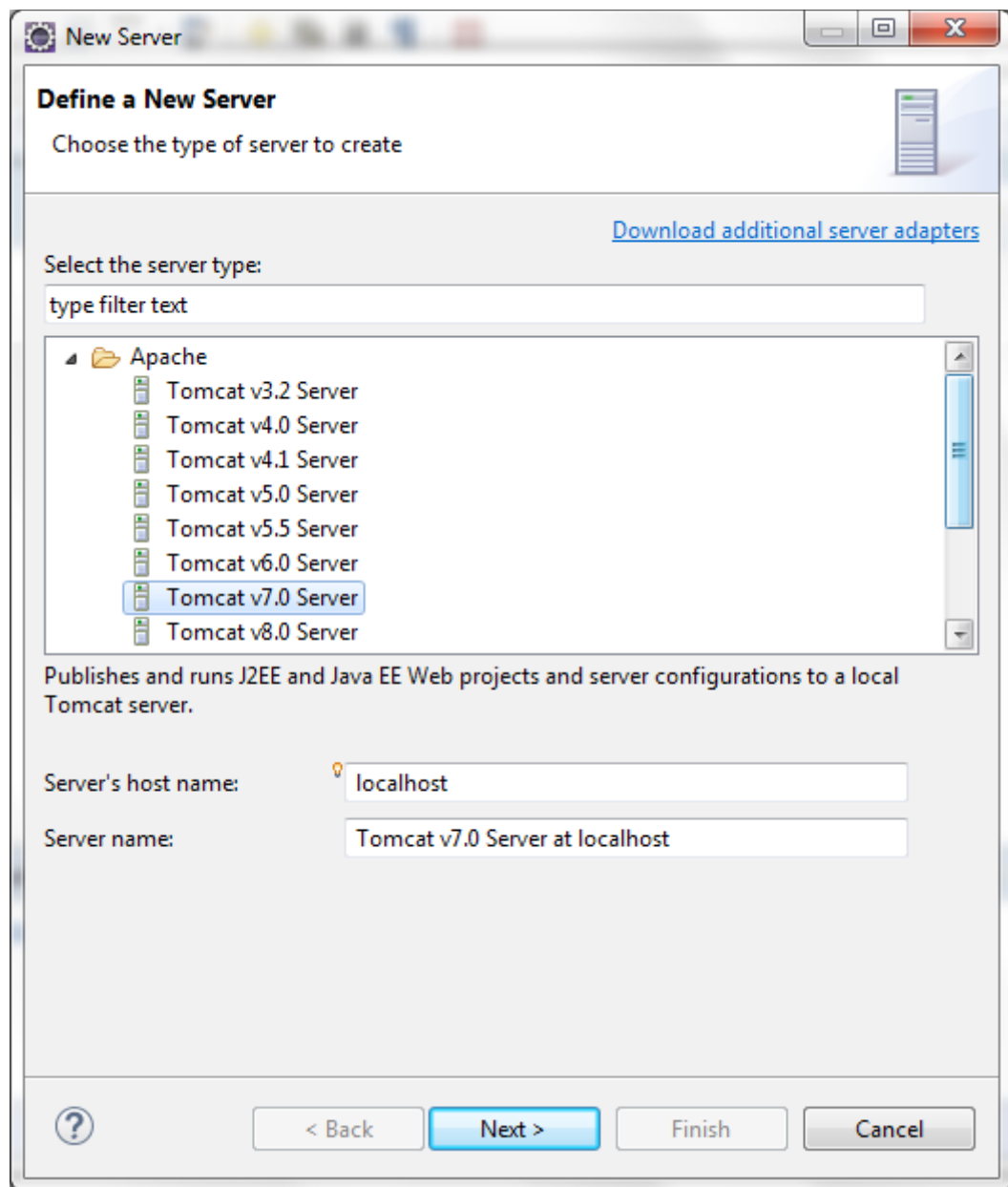Select Apache Tomcat 7 server from server type list and click "Next". (Image 2)

Image 2: Add server, step 2

Fill in Tomcat installation directory (where you extracted the server). Then click finish. (Image 3)
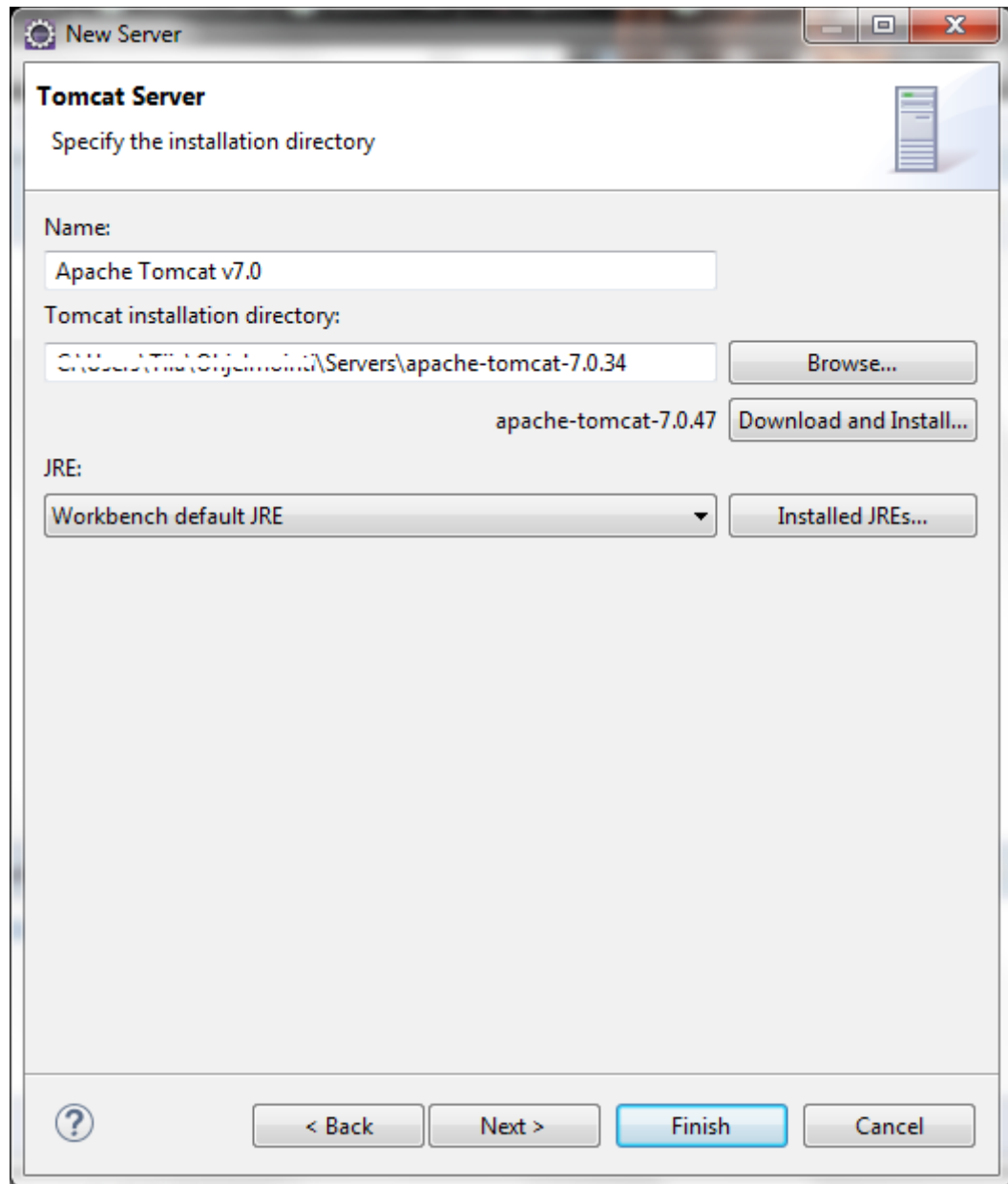
Image 3: Add server, step 3

2   Source

Download the source code from github (Image 4). Extract the code to the workspace. Now there should be folder Todo-List-master in your workspace. Remove "-master" from the folder. Now you should have folder Todo-List.
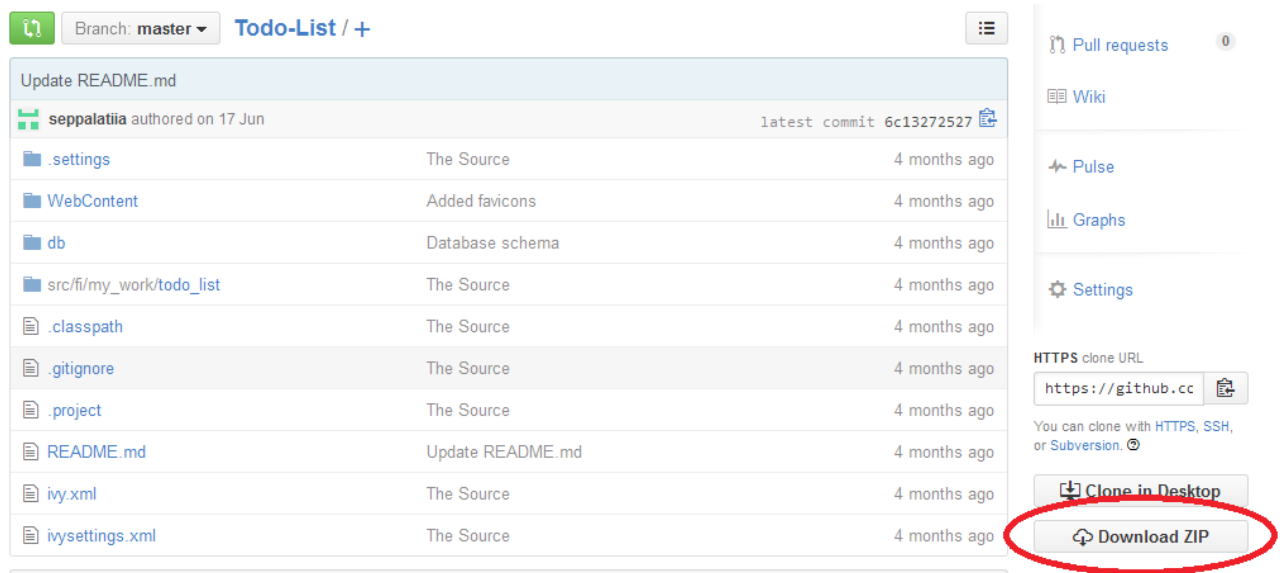
Image 4: Download source code

In Eclipse go to File->Import. This opens Import window. In there go to General/Existing Project into Workspace. Click Next. (Image 5)
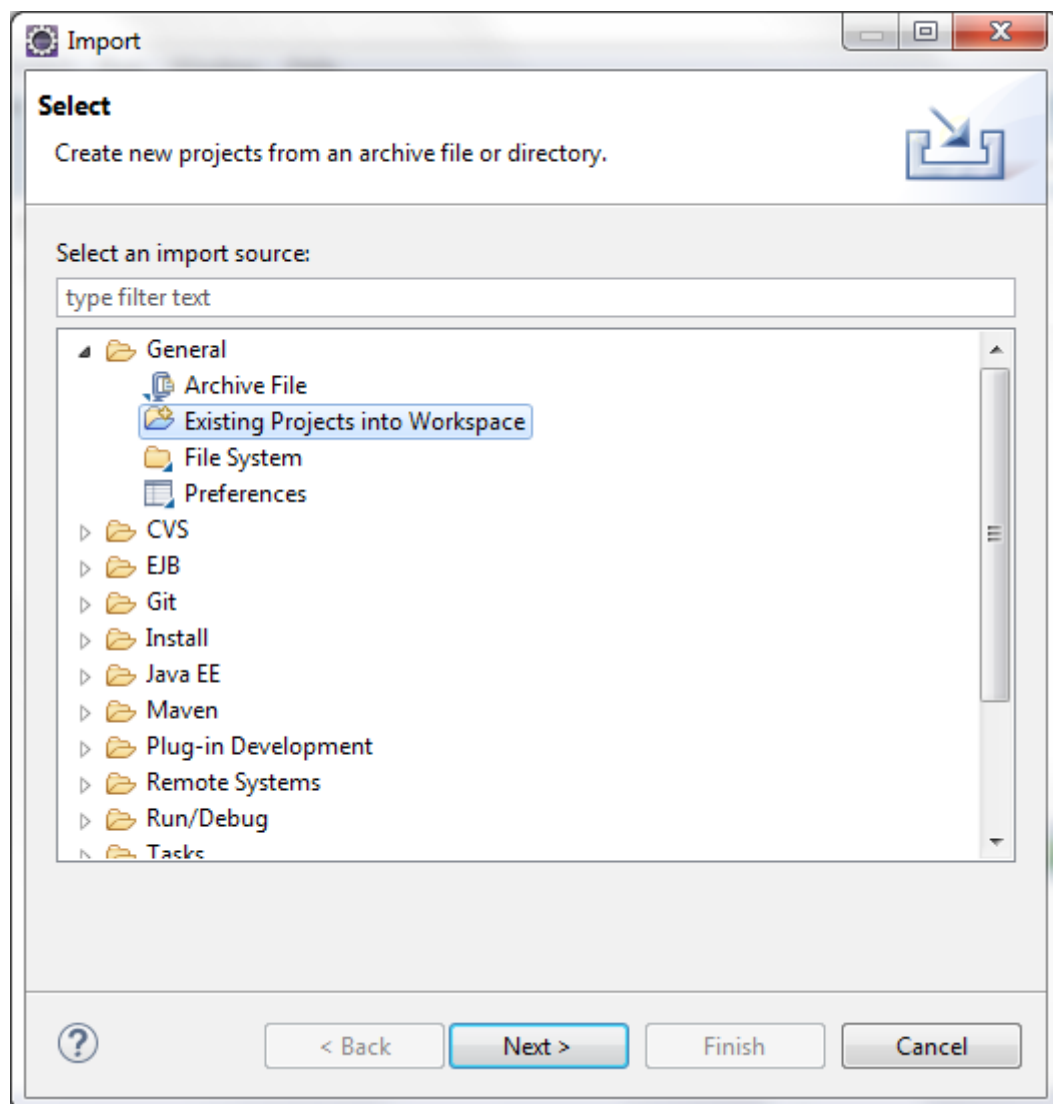

Image 5: Import project to workspace, step 1

In the "Select root directory" fill in the workspace folder. Click Finish. (Image 6)
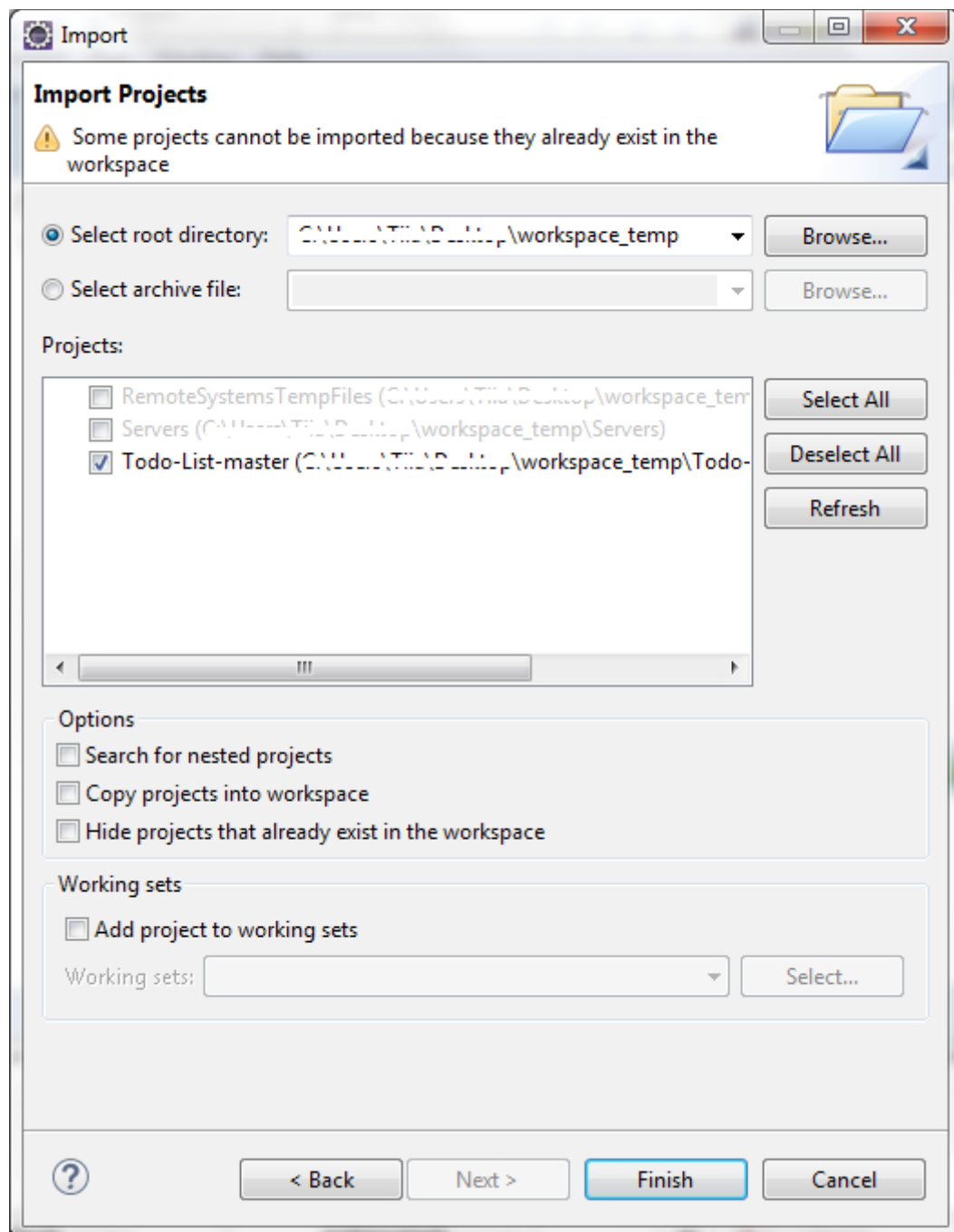
Image 6: Import project to workspace, step 2

3 Run program

Select the project on project list and click "Run"-button. This opens Run as -window. Select "Run on Server" and click OK. (Image 7)
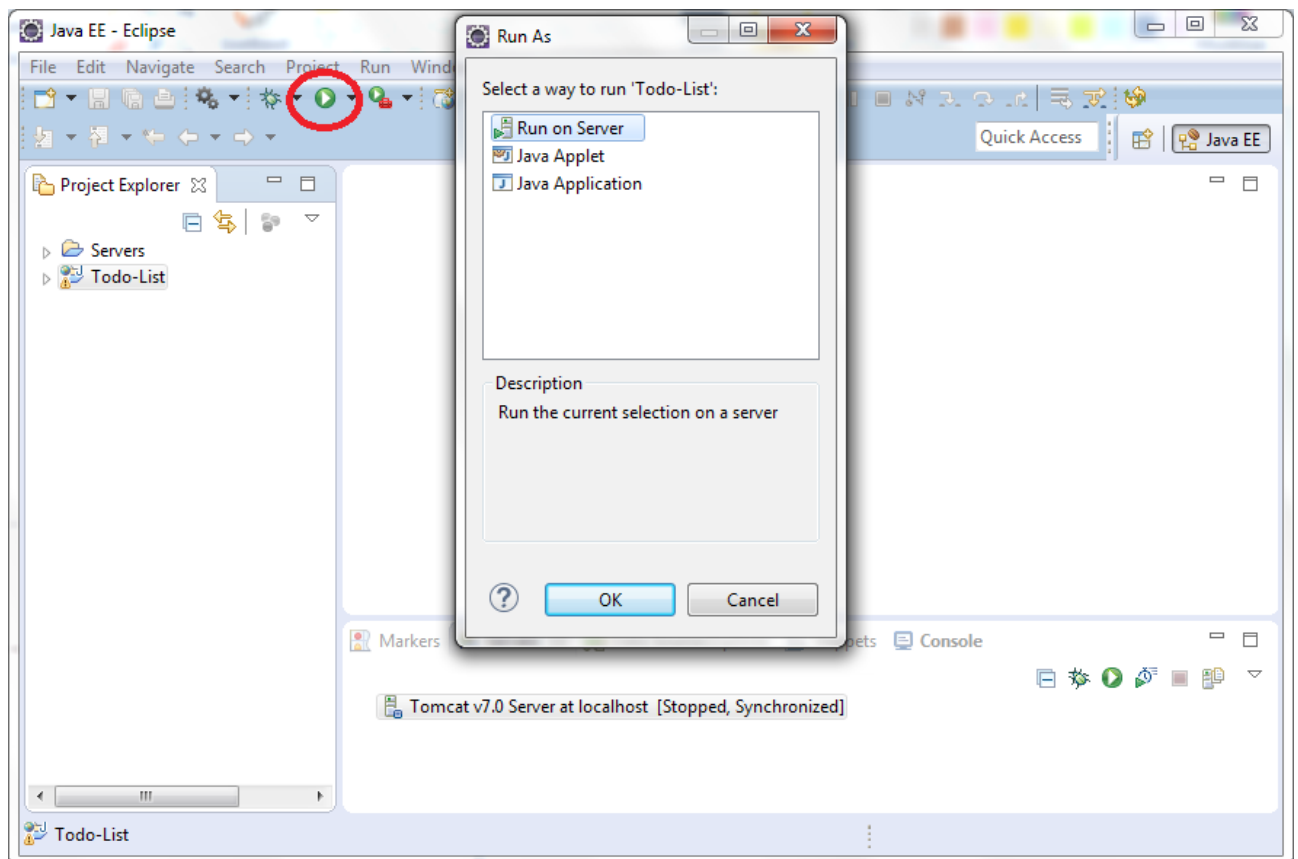
Image 7: Run the project, step 1

After this a window will open. On this window choose the server we configured earlier. Click Finish. (Image 8)
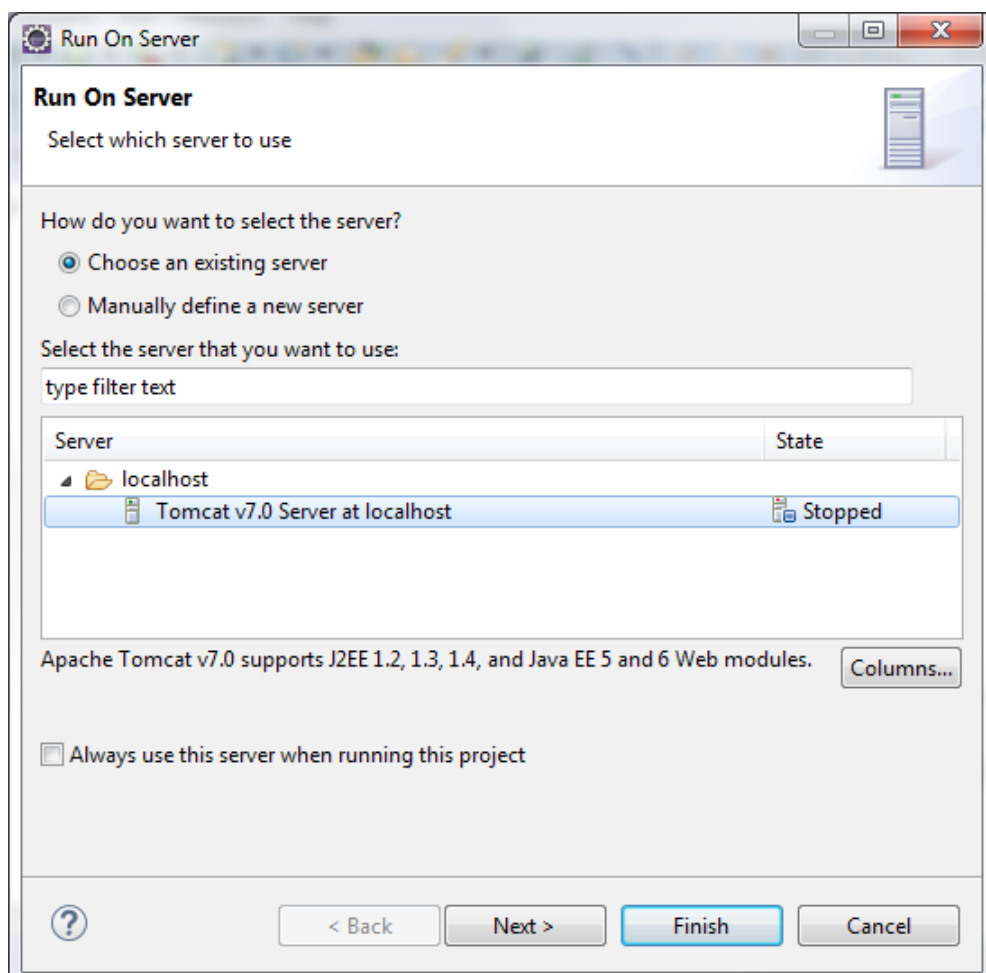

Image 8: Run the project, step 2

4 Database

The program uses dummy data as default. This allows the program to run even without connection to database. None of the functions works when dummy data is enabled. In order to make the functions to work, program has to have a database to connect.

On database run schema.sql in db folder. test_data.sql can also be run after that.

On Eclipse do the following steps:

- on class DummyData (src/fi/my_work/todo_list/db/dummy_data/DummyData.java) set method useDummyData to return false.

- on class CreateConnection (src/fi/my_work/todo_list/db/connection/CreateConnection.java) change any necessary information to create connection to your database.