

# Manual install of the Core-Spring lab environment

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## 1. Introduction

Welcome to the Core-Spring course. We have tried to make the lab setup as simple as possible. There are some installers that you can use to install everything you need for the course on your file system.

However, the installers only cover the most commonly used platforms/ operating systems. If you are willing to use an Operating System that is not supported by our courseware installers, you simply have to install your lab environment manually.

## 2. Installing SpringSource Tool Suite

- Download STS 2.7.1.RELEASE (any more recent version is also fine)
- Install STS on your computer
- You do not need to launch it for the moment

## 3. Copying all the resources to your local file system

As part of the resources you've been provided at the beginning of the course, there is a folder called *all-platforms-manual-install*. Copy its content to a local folder on your file system.

You will find 2 items there:

- *com.springsource.training.workspace.builder-1.x.x.jar* (custom Eclipse plugin developed by SpringSource). You should copy this file inside the STS install folder (under the *dropins* subfolder).
- *core-spring-3.x.x.RELEASE-all-platforms.zip* contains all resources for the labs

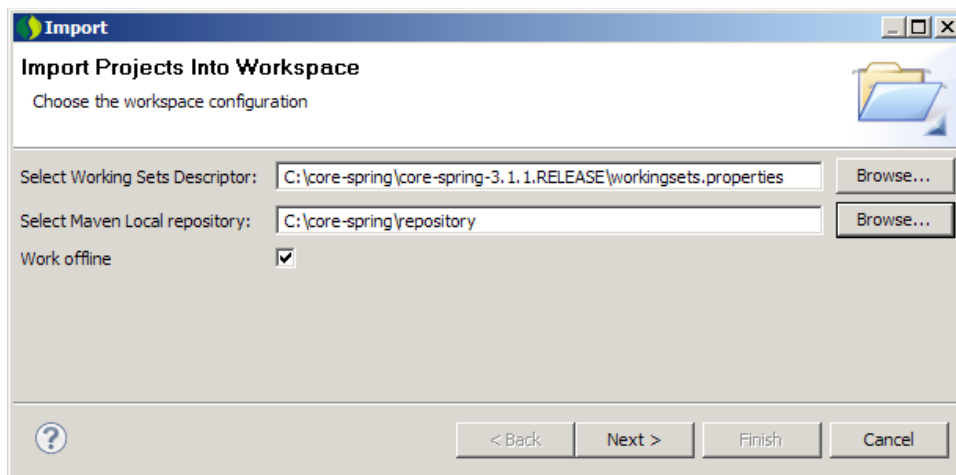
On your filesystem, unzip *core-spring-3.x.x.RELEASE-all-platforms.zip*. You now can see the following folders:

- *core-spring-3.x.x.RELEASE* contains the projects that are used for the labs and the lab instructions (inside the *doc* subfolder)
- *repository* contains all the libraries used in the course (jar files).

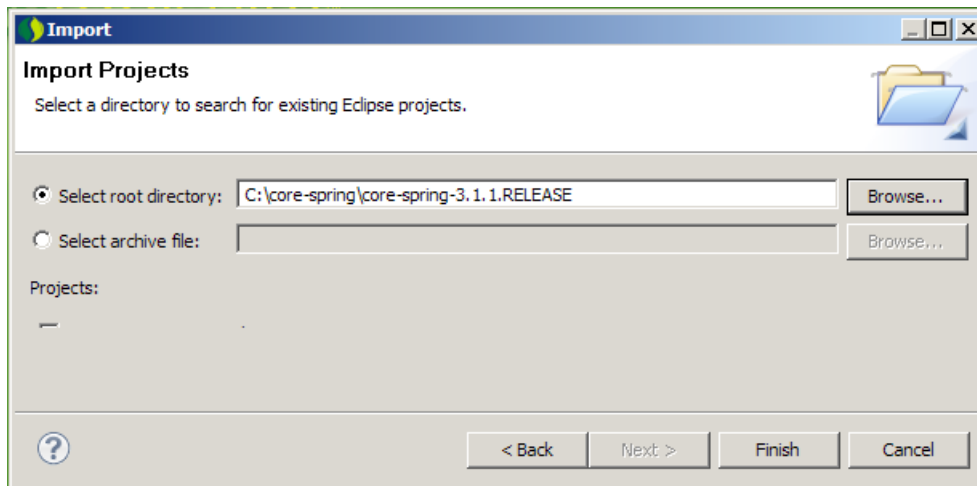
## 4. Starting up STS

At this stage, STS should be closed. If you have already launched it, you can restart it so the plugin you just installed will be loaded.

This Eclipse plugin will make the install process easier. Right after launching STS, you will be prompted for a workspace location (any place is fine). You will then see the following screen:



- The above screenshot considers that you have extracted the content of *core-spring-3.x.x.RELEASE-all-platforms.zip* inside *C:\core-spring*. You can replace this with your local path.
- Click on *next*. You now can specify the home folder for all your Eclipse project as follows:



- You can now click on *Finish*.

It takes several minutes to build everything. Eclipse displays “building workspace” at the bottom right corner until all projects have been built.

Once this has been completed, your lab environment is ready. Congratulations!

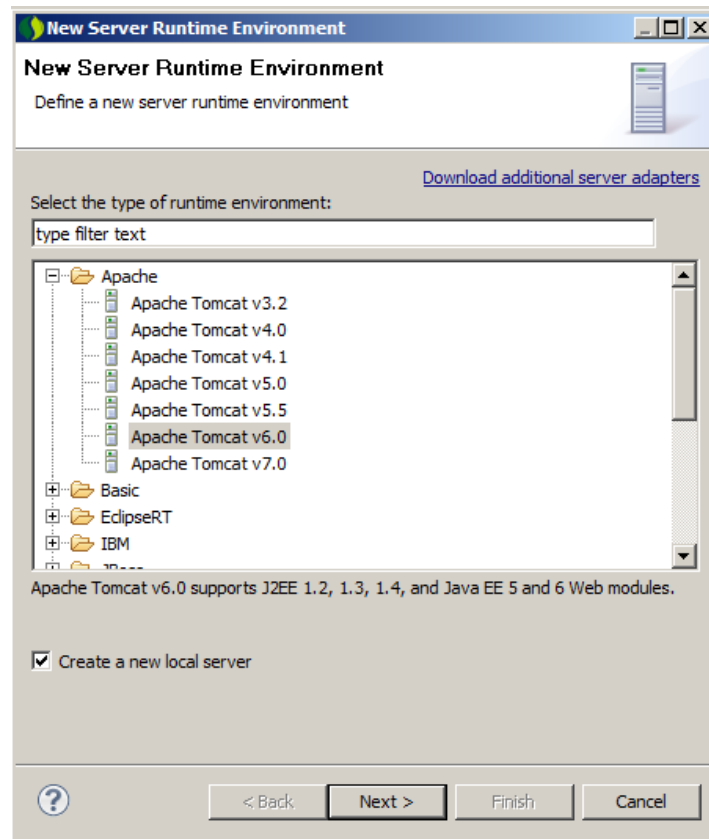
## 5. Tomcat/tc Server

Starting from the third day of the course, there are a few labs that require a web environment (mvc-1, remoting-1...).

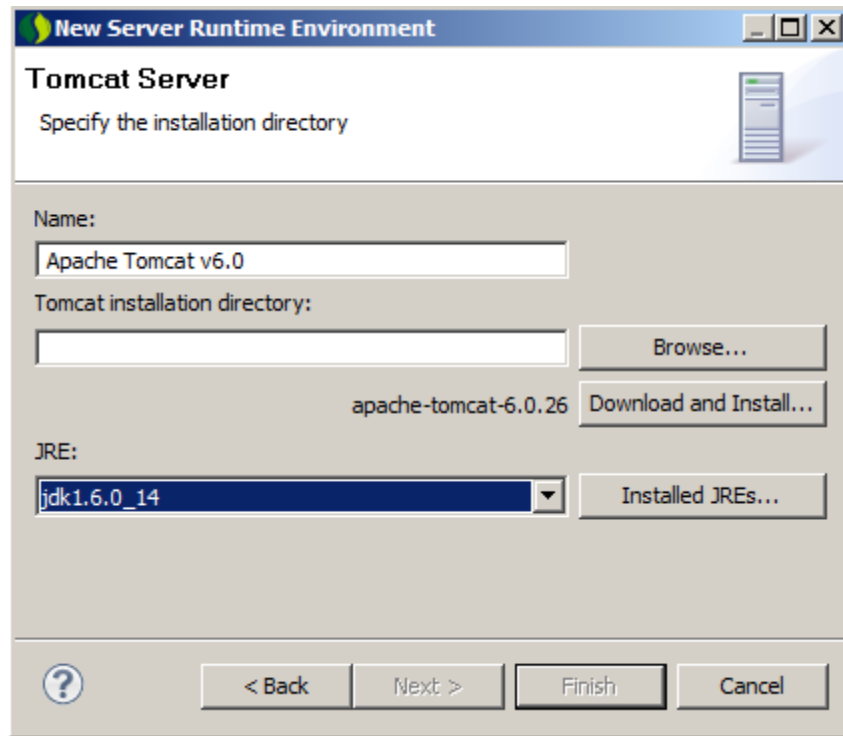
By default, STS does not install with Tomcat. It uses [tc Server](#) instead (that builds on top of tomcat).

All the labs work well with tc Server. However, if you wish to work with tomcat, you just need to install it as follows:

- Click on Windows -> Preferences -> Runtime environment -> Apache -> Apache tomcat v6
- Click on “add”
- Select Apache -> Apache tomcat v6 (also select “create a new local server”)



- Click on “next”
- If you have already installed tomcat, just browse to your local tomcat folder. If not, STS can download and install tomcat for you (just click on “download and install”).



- Click on "Finish" and you are done!