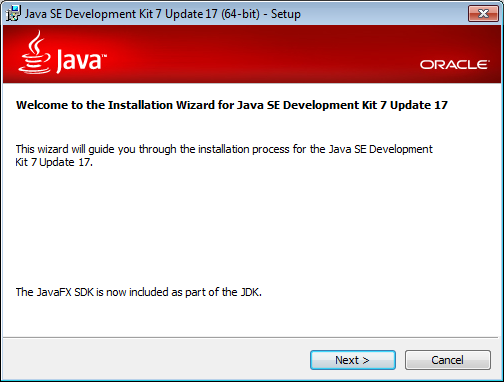
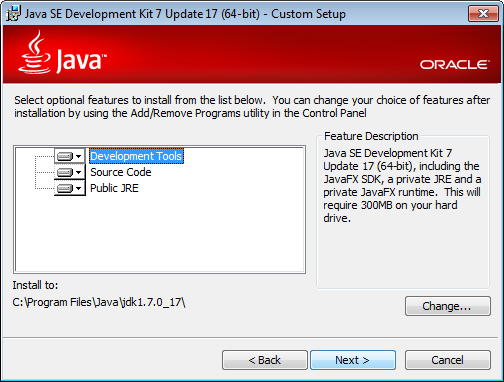
# Setup SDK

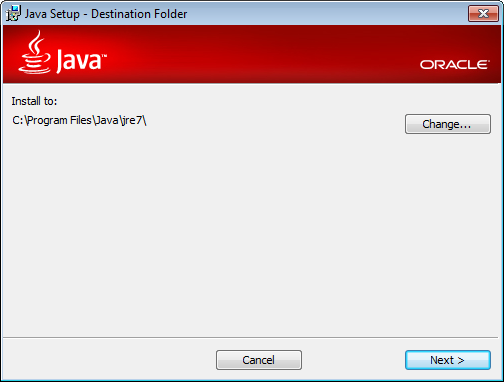
## Setup JDK

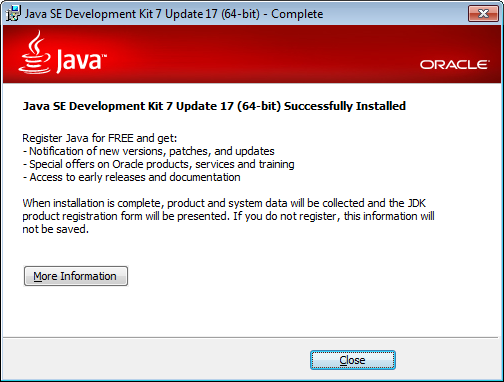
### Download JDK

### Install JDK







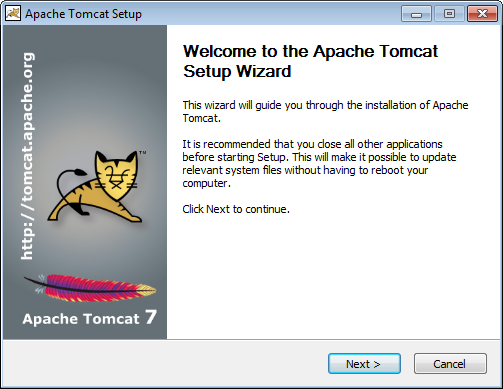


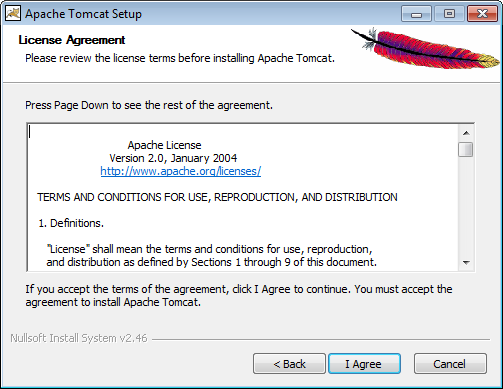
# Setup Web Container

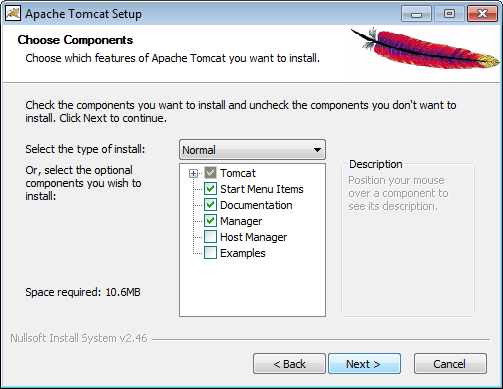
## Setup Tomcat

### Download Tomcat

### Install Tomcat



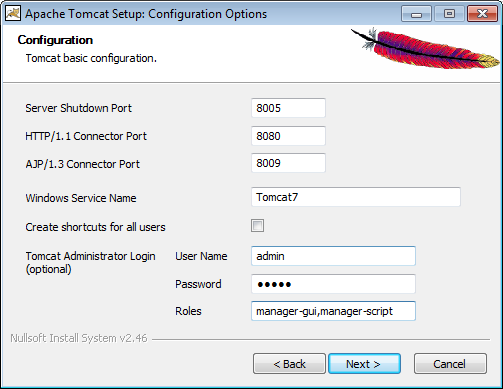


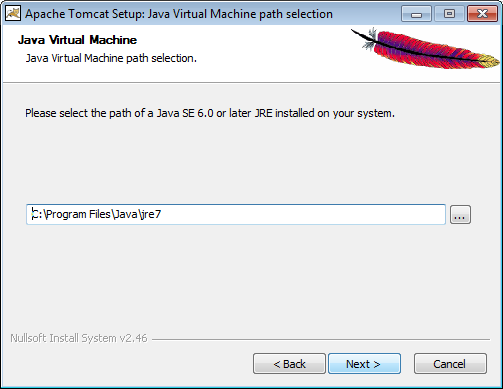


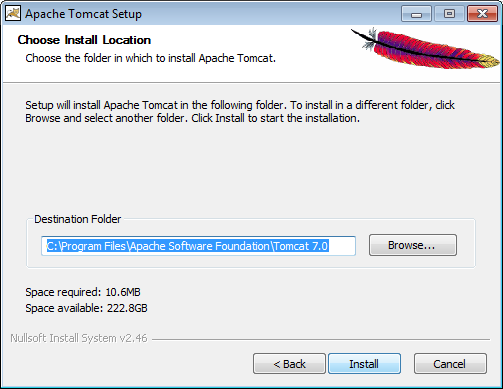
#### Setup Admin Authentication

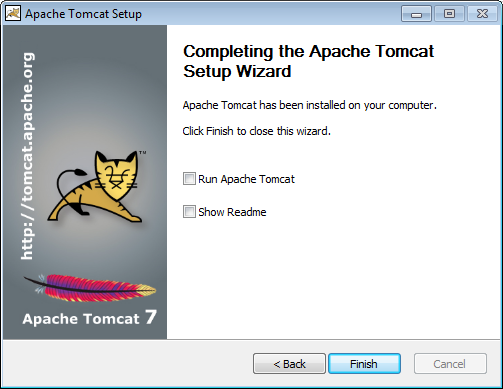
#### Setup Admin Authorization

Roles: manager-gui & **manager-script**!







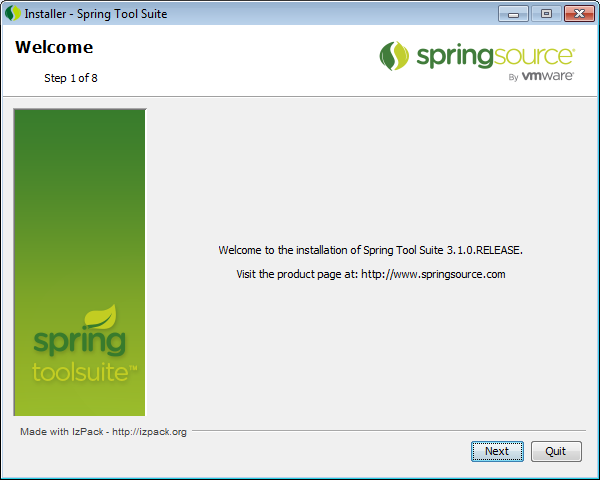


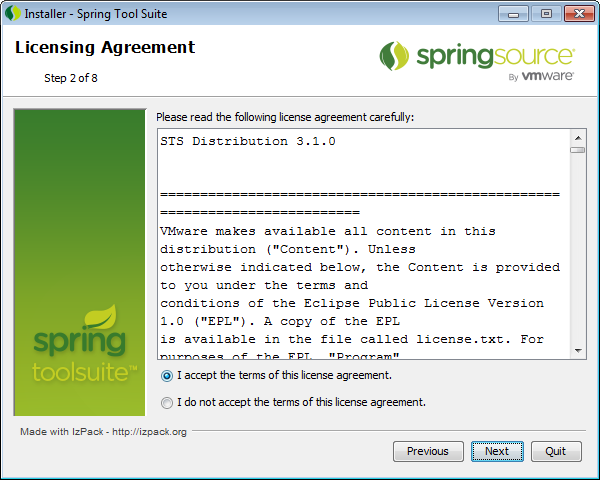
# Setup IDE

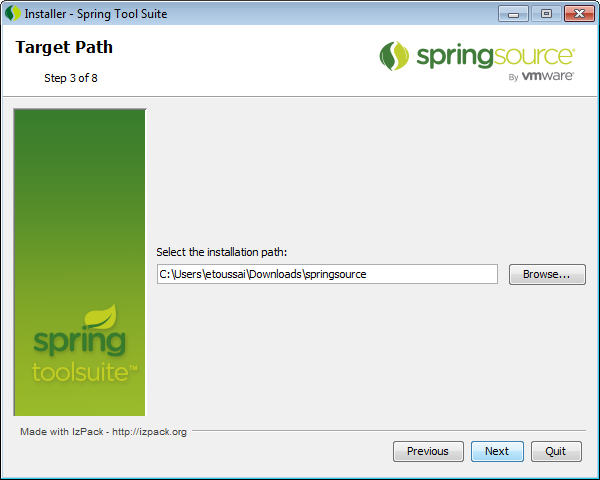
## Setup Eclipse Spring Tool Suite (STS)

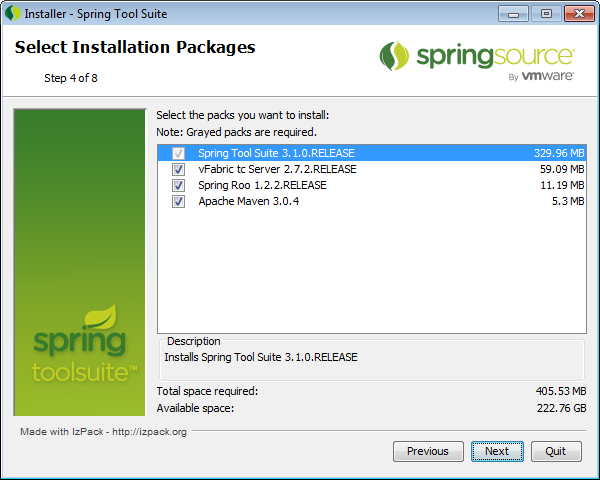
### Download STS

### Install STS

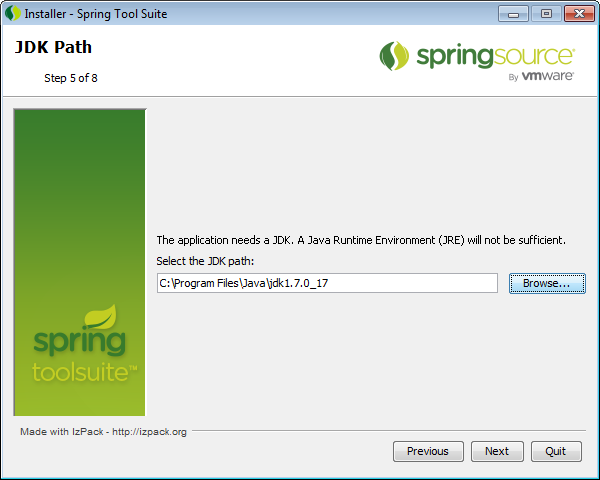


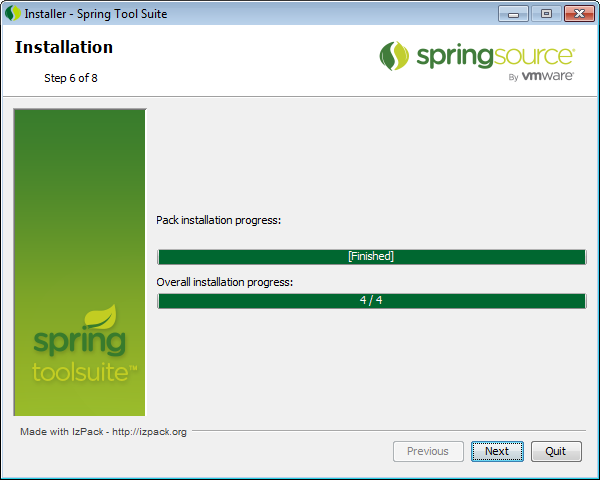


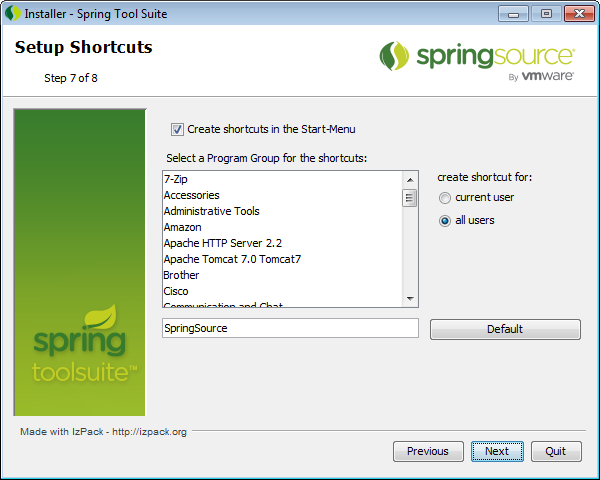


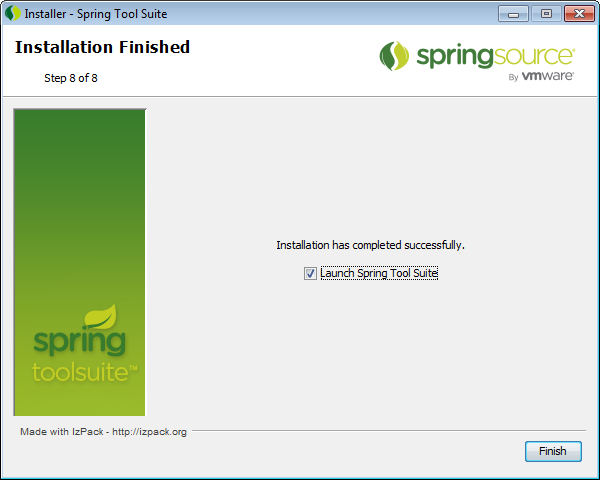


### Point to JDK







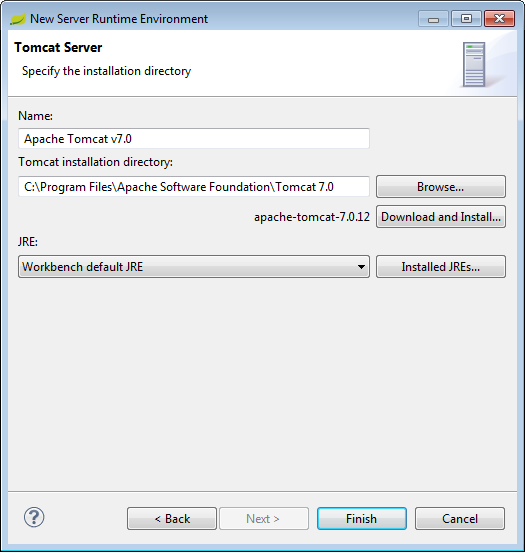


### Add Tomcat Server

On Package Explorer panel (left), Right click Servers > New > Other… >

Server > Server > Next >

Apache > Apache Tomcat v7.0 Server > Next



### Other Configurations

#### Show Hidden Files

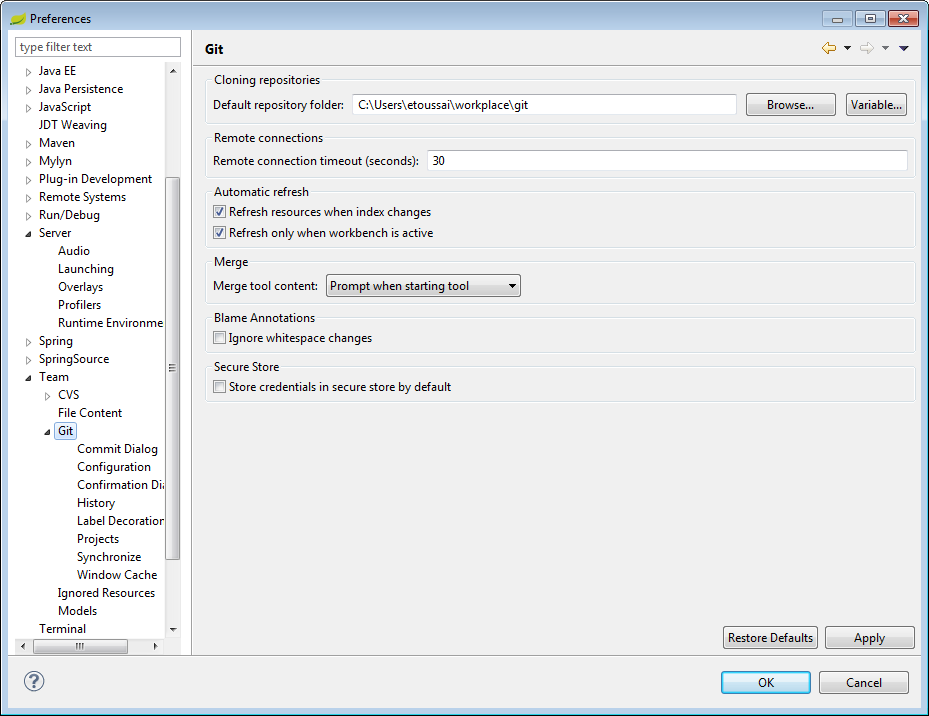
Package Explorer -> View Menu -> Filters -> uncheck .\* resources

# Setup Source Code Management

## Setup Git

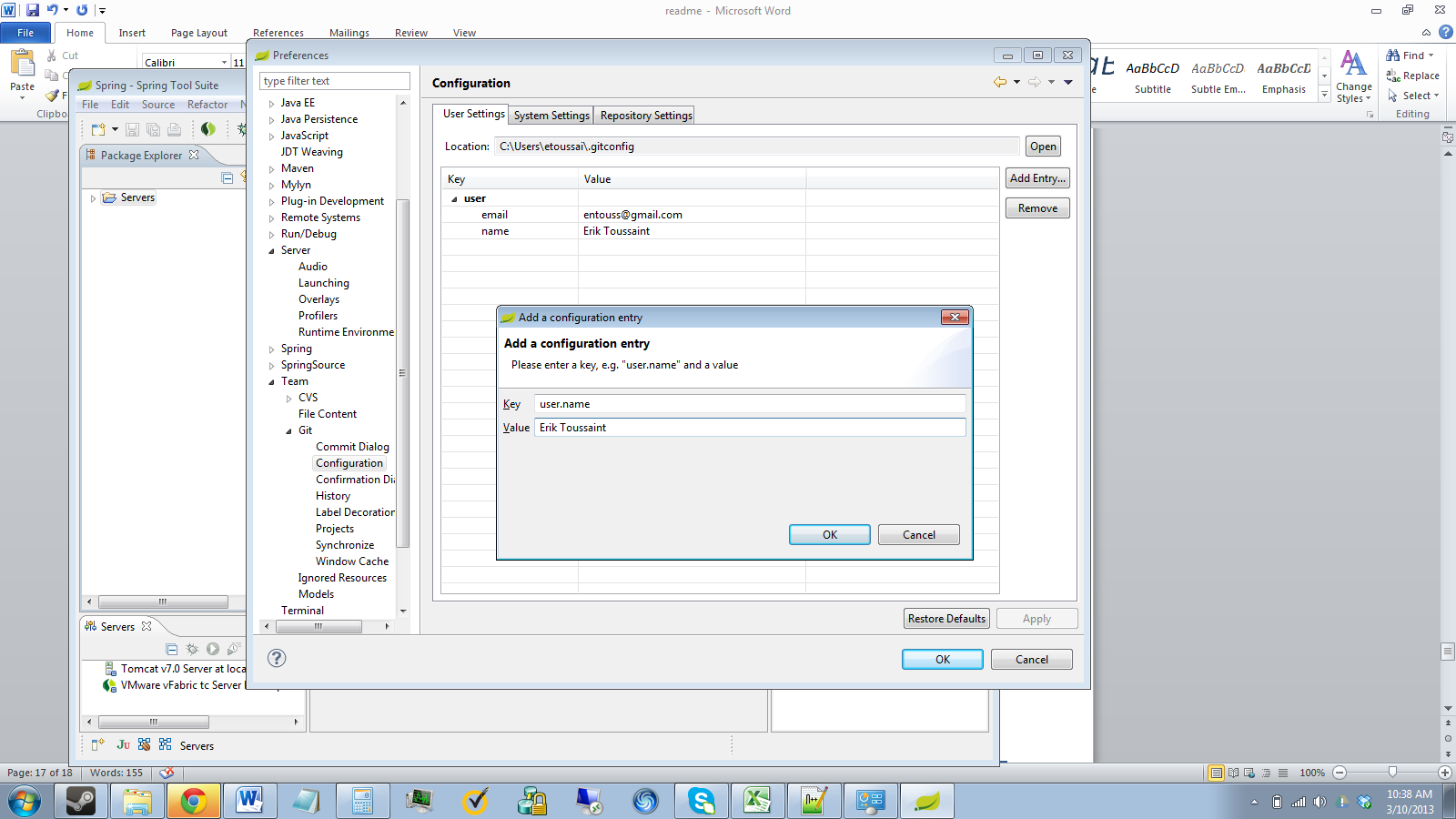
### Default Repository Folder

Window > Preferences > Team > Git



### Configuration

Window > Preferences > Team > Git > Configuration

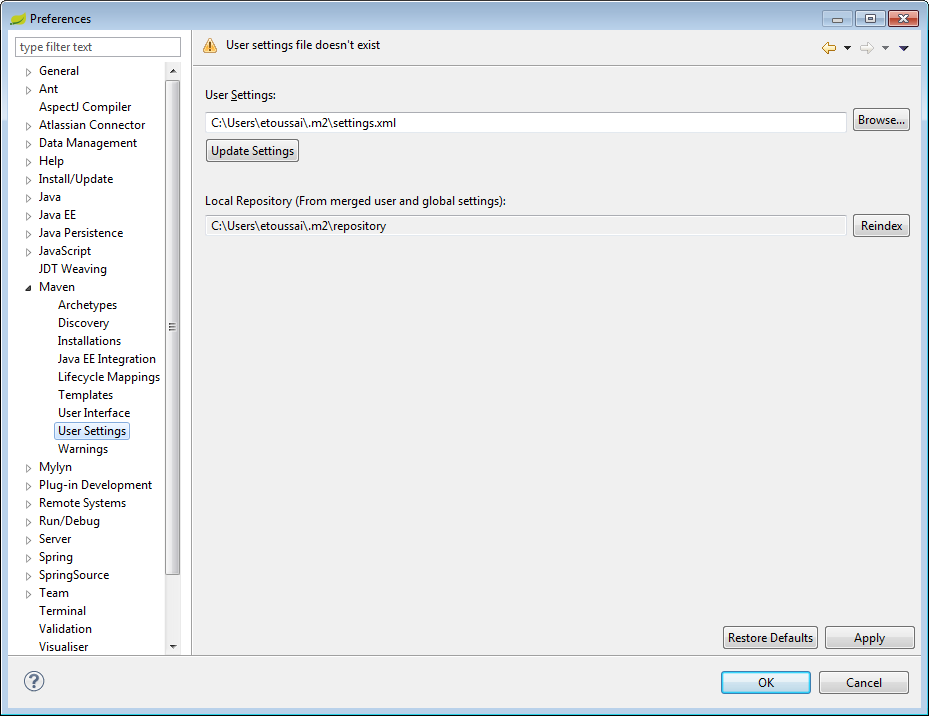


# Setup Build Automation

## Setup Maven

### User Settings & Local Repository

Window > Preferences > Maven > User Settings



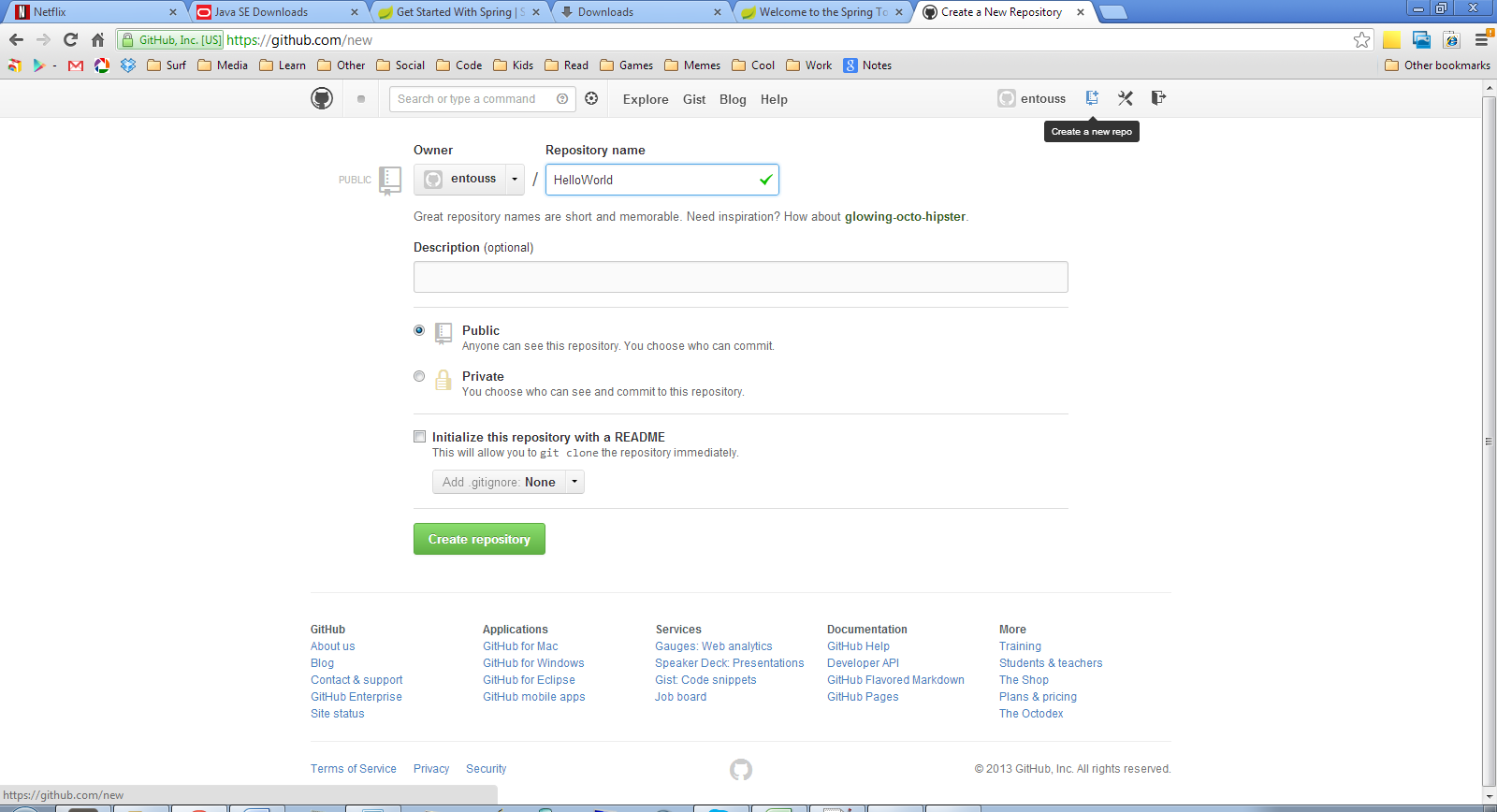
### Create Settings.xml

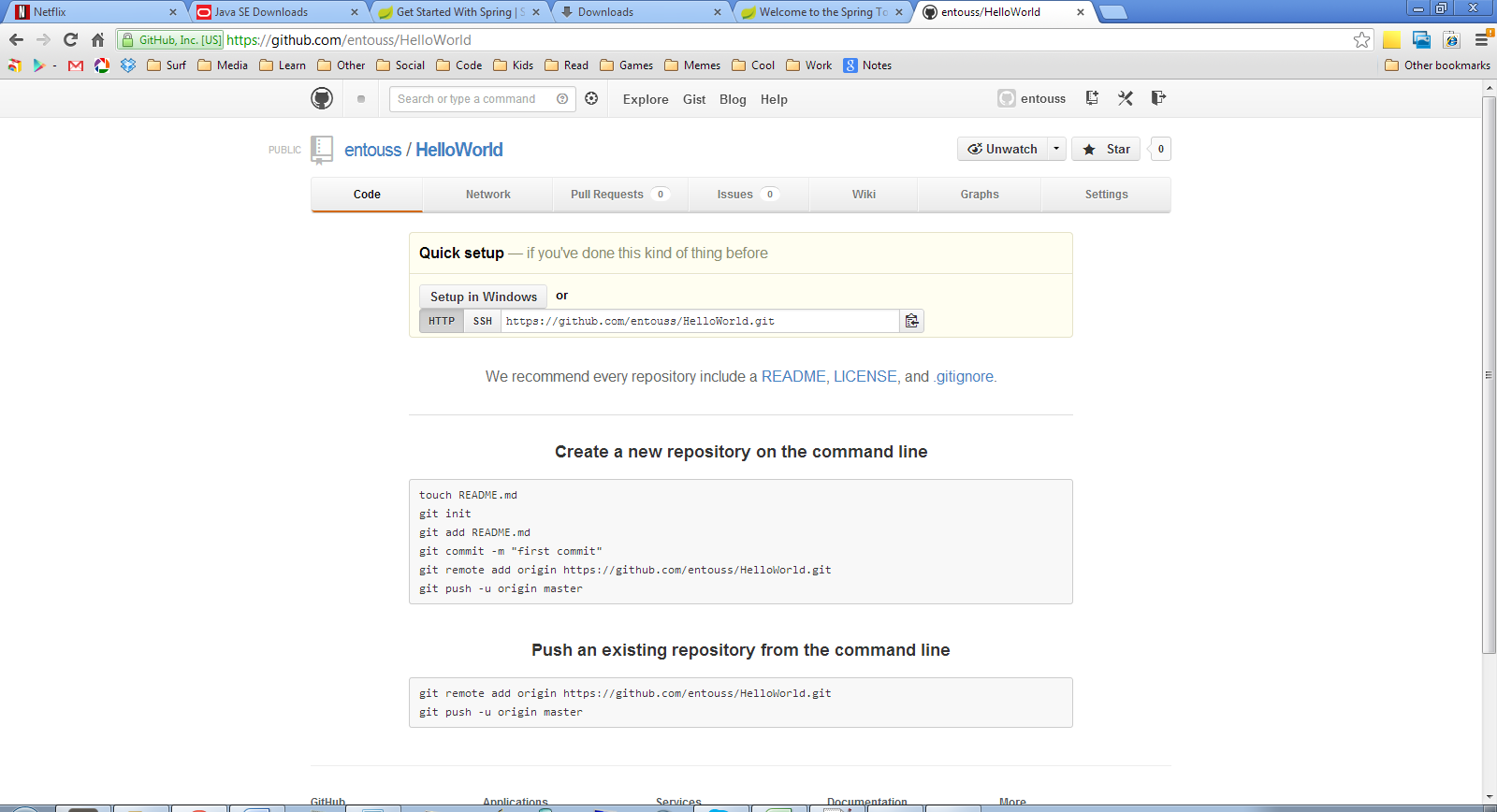


# Setup Project

## Setup GitHub Repository

### Sign up for GitHub





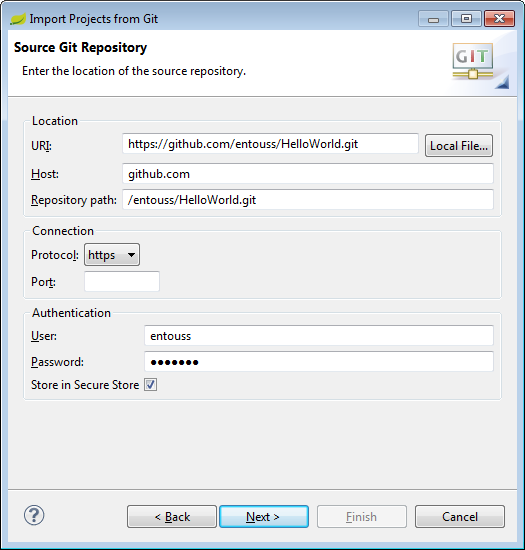
## Import Project

Right click ‘Package Explorer’ panel > Import… >

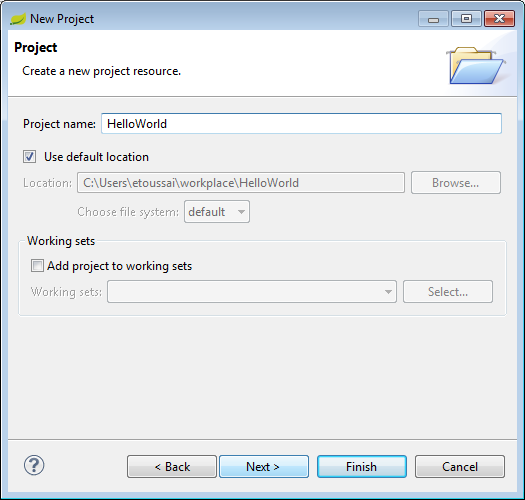
Git > Projects from Git > URI > Next >

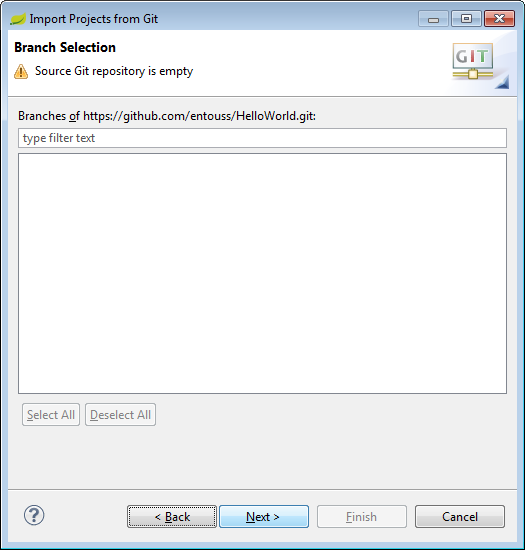
Copy Paste Git URL from GitHub screenshot above into URI field

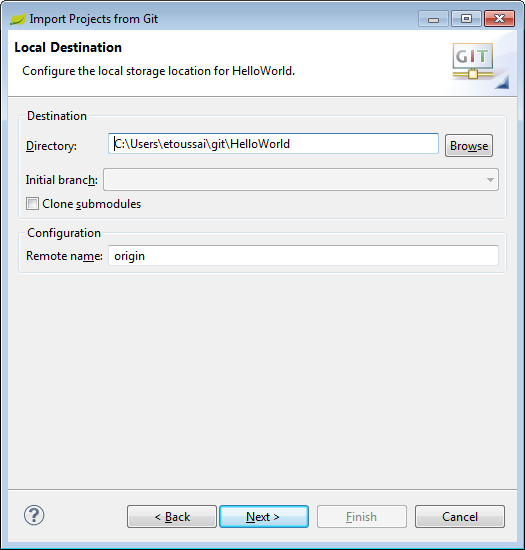
Add GitHub Authentication information

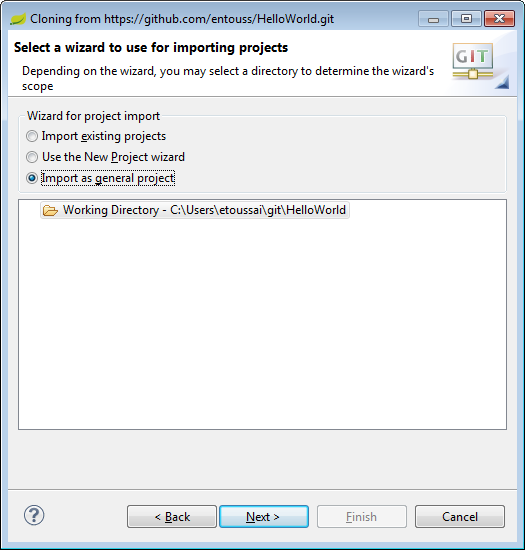


Right Click ‘Package Explorer’ panel > New > Project… > General > Project



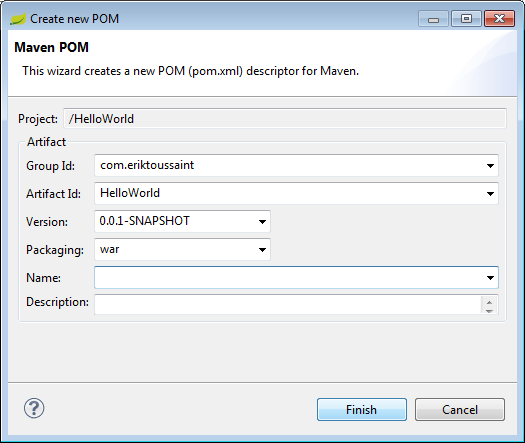






## Configure Bare Maven POM

Right Click ‘HelloWorld’ project in ‘Package Explorer’ panel > Configure > Convert to Maven Project



## Initial Commit

### Ignore Files

In ‘Package Explorer’ panel, Right Click HelloWorld > [following files & folders] >

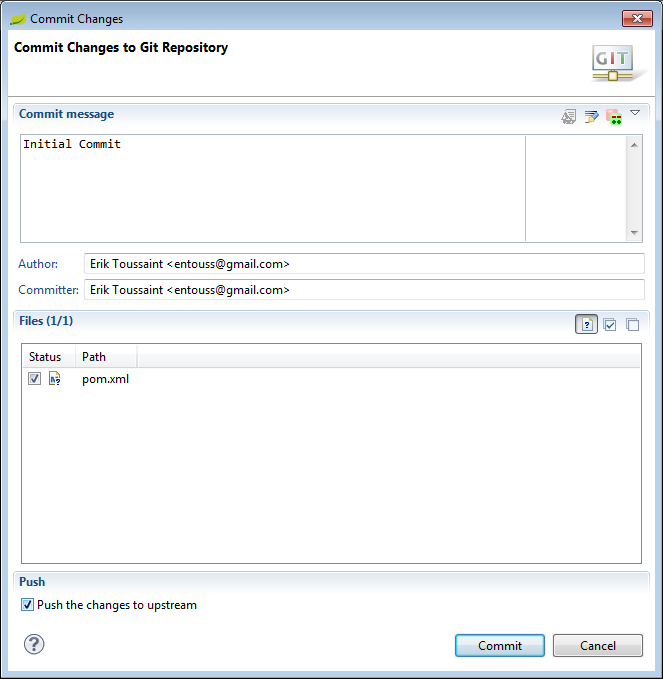
Team > Ignore

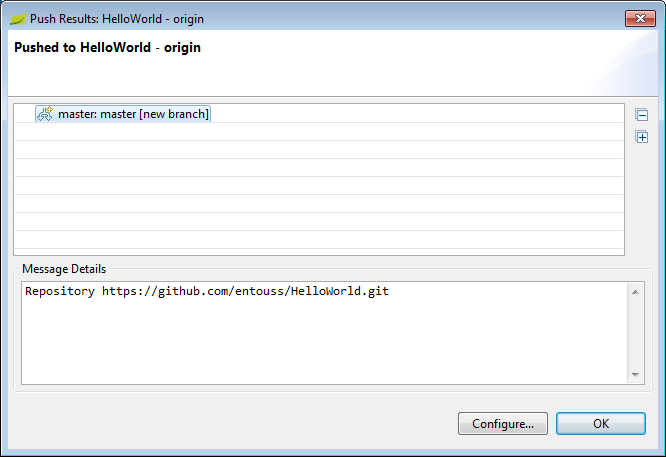
* .settings
* target
* .classpath
* .gitignore
* .project

### Commit

In ‘Package Explorer’ panel, Right Click HelloWorld >

Team > Commit





# Configure Project

## Create src/main/webapps/index.html

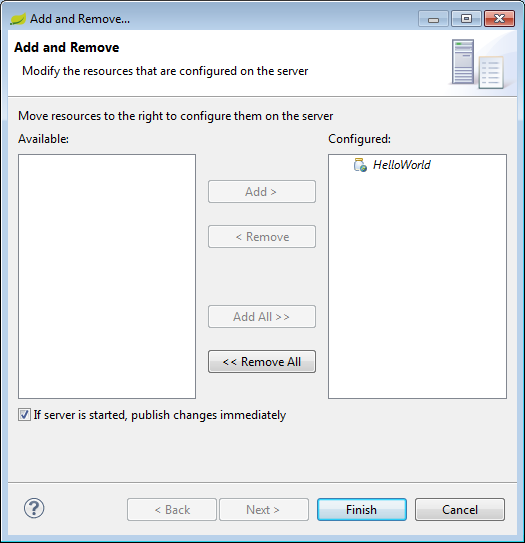


## Configure src/main/webapp/WEB-INF/web.xml

## Add Project to Server

In the ‘Server’ view, Right click ‘Tomcat v7.0 Server at localhost’ > Add and Remove… >

HelloWorld > Add> > Finish



## Run Server

In ‘Server’ view, Right click Tomcat v7.0 Server at locahost > Start

## Hello World!

Go to http://localhost:8080/HelloWorld

## Commit

# Run Hello World MVC

## Configure POM.xml



## Configure src/main/webapp/WEB-INF/web.xml

## Configure src/main/webapp/WEB-INF/spring/appServlet/Spring Context



## Wire Model

## Wire View – src/main/webapp/WEB-INF/views/home.jsp



## Wire Controller – controller.HomeController.java



## Commit