

Tomcat 01 IDE Setup Aug 31st

This document is a continuation after building a simple Spring MVC project in the Spring Tool Suite IDE. This document follows after the “Tomcat 01 spring-mvc-demo Aug 31st” document. This document installs a Tomcat server within the Spring Tool Suite IDE.

Apache Tomcat is a free and open-source implementation of the Jakarta Servlet, Jakarta Expression Language, and WebSocket technologies. Tomcat provides a "pure Java" HTTP web server environment in which Java code can run.

Table of Contents

Install a Tomcat Server in Spring Tool IDE	2
Download Tomcat server zip file	2
Configure Tomcat server in Spring Tools IDE.....	3
Open a search window.....	3
Click link to add a new server	4
Select apache-tomcat-9.0.52	4
Select “jre” from “JRE:” dropdown	5
Add the Java JRE from your machine.....	6
Add an MVC project to the server.	9
Start the server	10
Test server using the browser.....	10

Install a Tomcat Server in Spring Tool IDE

Download Tomcat server zip file

<https://tomcat.apache.org/download-90.cgi>

Download Tomcat server zip file to a folder on local machine.

Make note of the folder location.

Unzip the Tomcat server zip file.

There is no installation of files after unzipping.

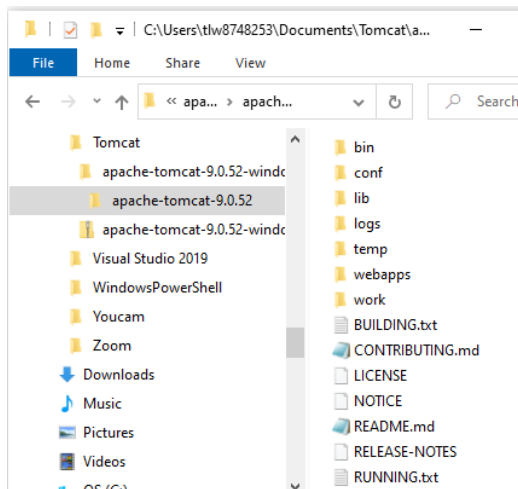
9.0.52

Please see the [README](#) file for packaging information. It explains what every c

Binary Distributions

- Core:
 - [zip \(pgp, sha512\)](#)
 - [tar.gz \(pgp, sha512\)](#)
 - [32-bit Windows zip \(pgp, sha512\)](#)
 - [64-bit Windows zip \(pgp, sha512\)](#)
 - [32-bit/64-bit Windows Service Installer \(pgp, sha512\)](#)
- Full documentation:
 - [tar.gz \(pgp, sha512\)](#)
- Deployer:
 - [zip \(pgp, sha512\)](#)
 - [tar.gz \(pgp, sha512\)](#)
- Embedded:
 - [tar.gz \(pgp, sha512\)](#)
 - [zip \(pgp, sha512\)](#)

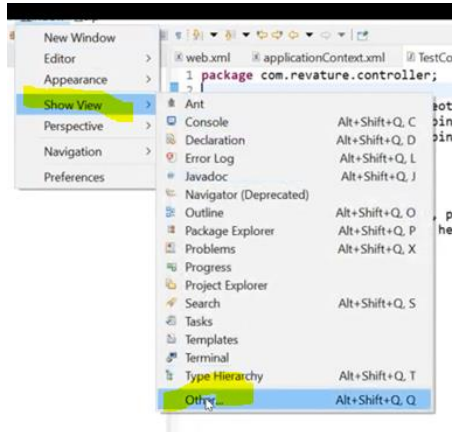
Unzipped files.



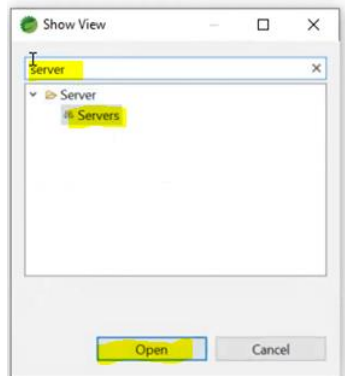
Configure Tomcat server in Spring Tools IDE

Open a search window

Window → Show View → Other



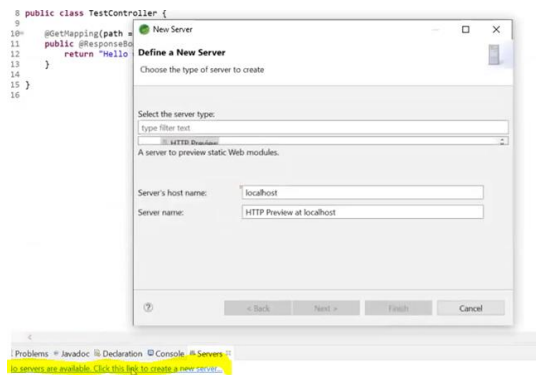
Search for Server



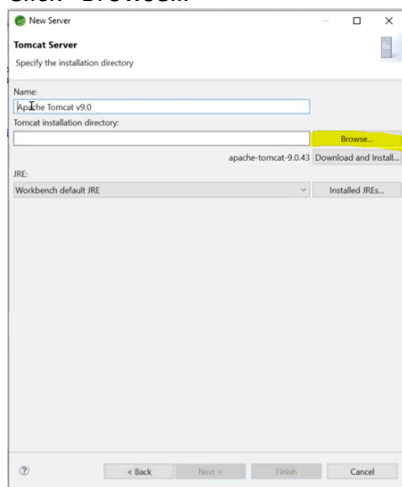
The location of the “Servers” tab can vary depending on your window layout.



Click link to add a new server

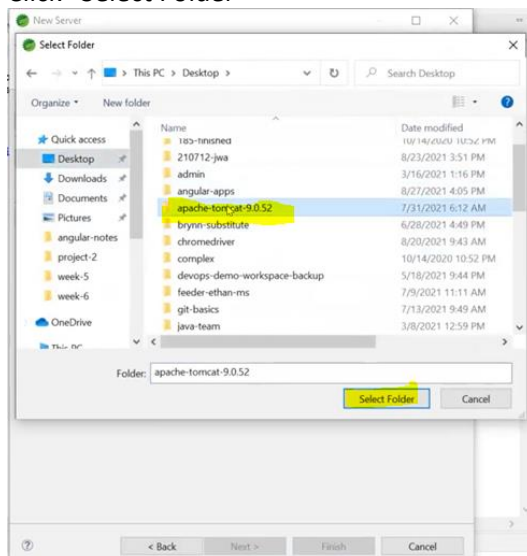


Click "Browse..."



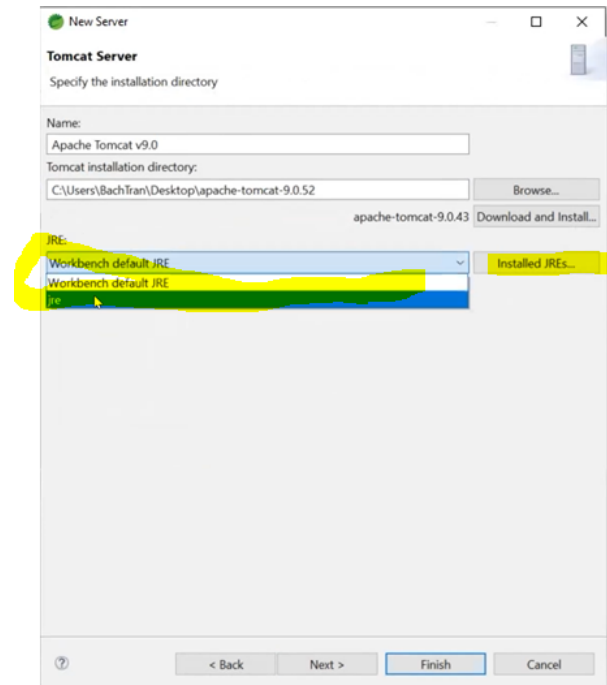
Select apache-tomcat-9.0.52

Click "Select Folder"

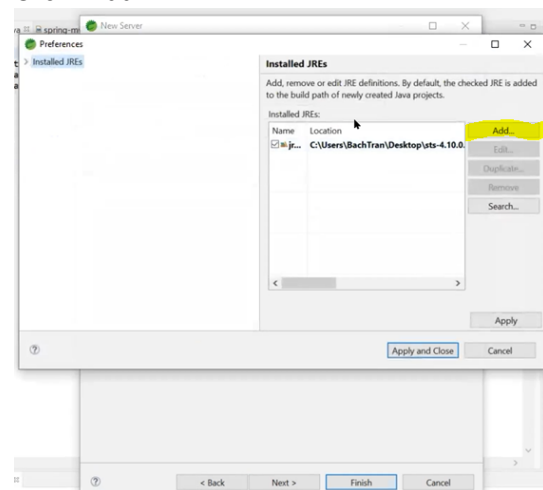


Select “jre” from “JRE:” dropdown

Click “Installed JREs...”



Click “Add...”

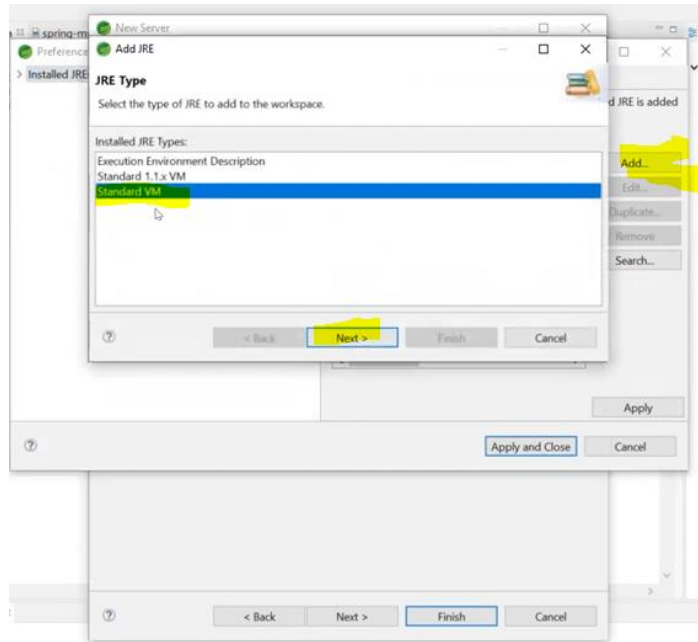


Add the Java JRE from your machine

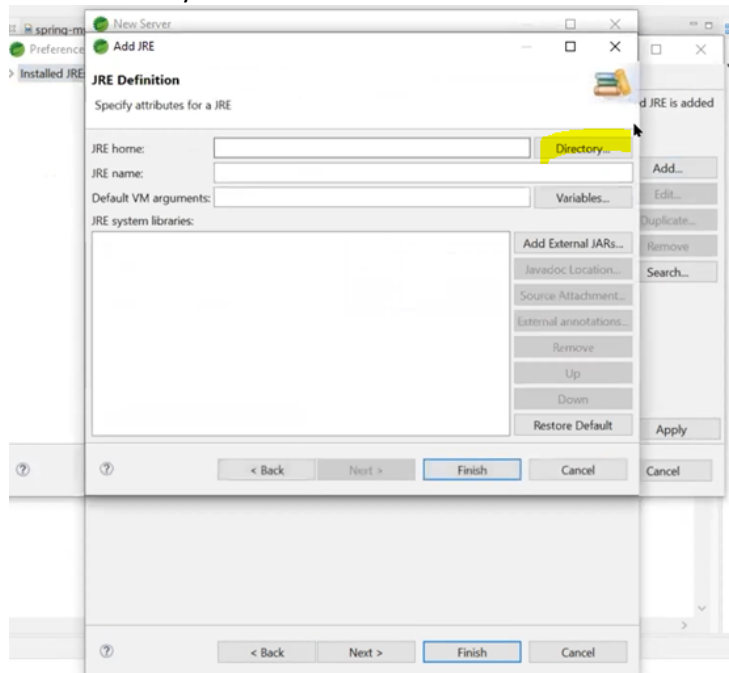
Usually located: C:\Program Files\Java

Select the jre 1.8.nnn version

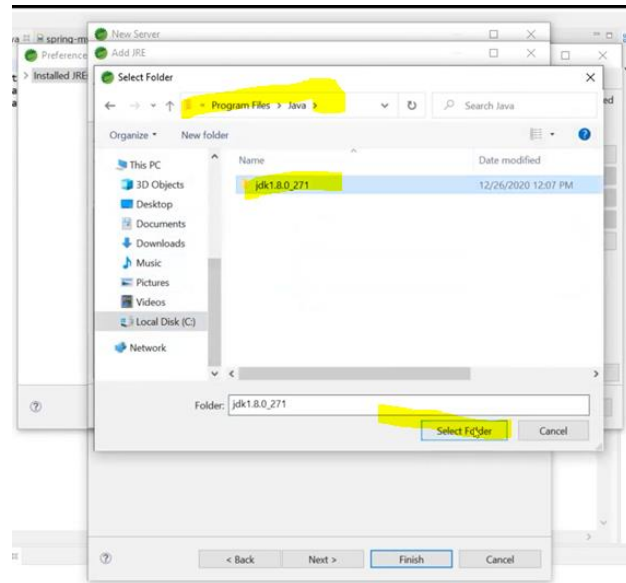
Click "Next>"



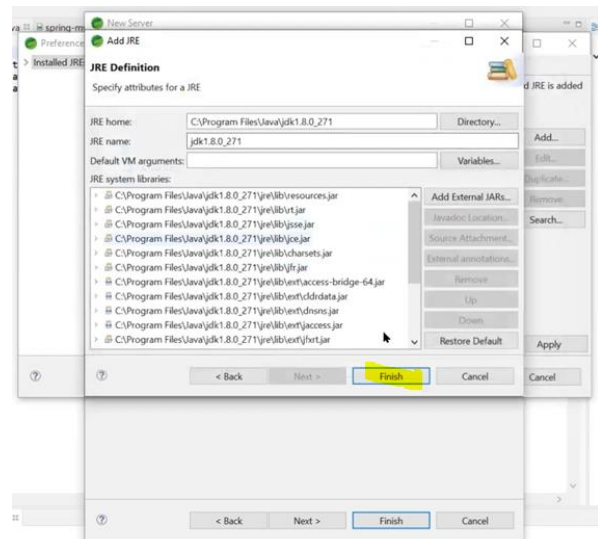
Click "Directory..."



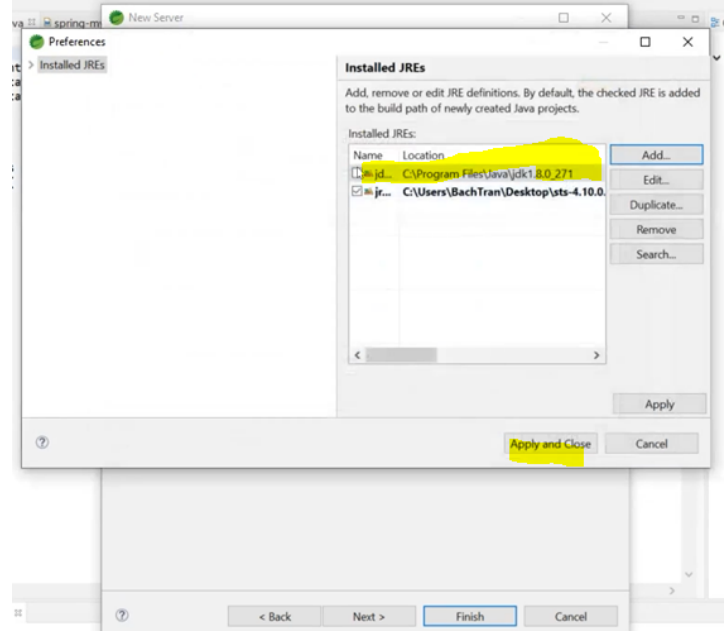
Navigate to the folder where you downloaded the Java jdk1.8.nnn version
Usually located: C:\Program Files\Java
Select the jdk1.8.nnn folder
Click "Select Folder"



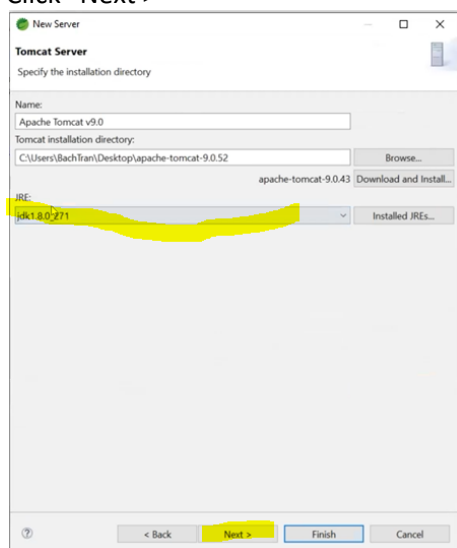
Click "Finish"



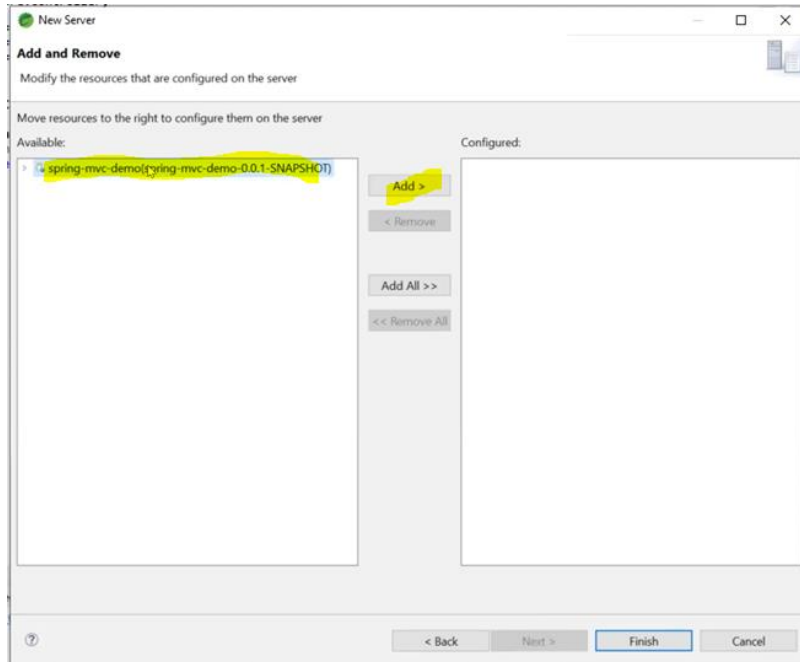
Click the checkbox of the jre just added to make the default.
Click “Apply and Close”



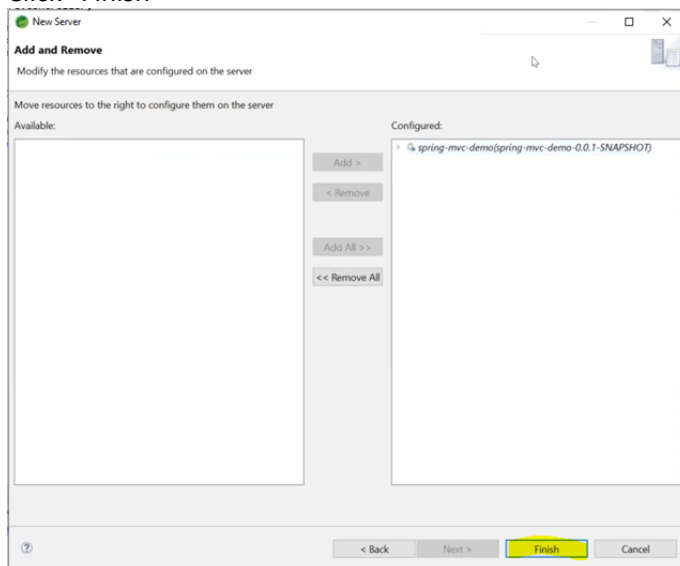
Make sure the jdk1.8.nnn check as the default is selected
Click “Next >”



Add an MVC project to the server.
Select the Java MVC project to add
Click “Add >”

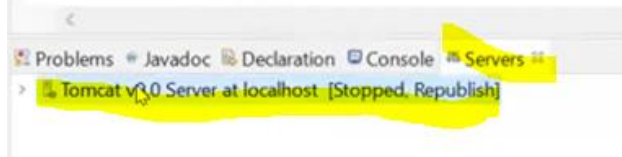


Click “Finish”

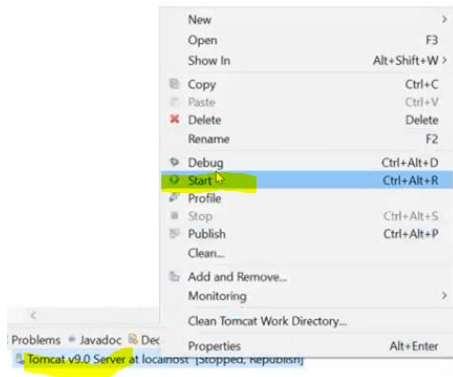


Start the server

Click the “Servers” tab, location will vary depending on your IDE layout



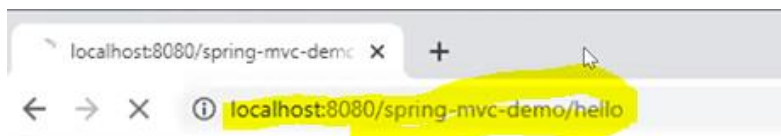
Right click on server then click start



Test server using the browser

This test will vary depending on your MVC project.

For the Lecture spring-mvc-demo there is a hello endpoint and this test should work.



localhost:8080/spring-mvc-demo/hello

