

How-To: Configure Apache Tomcat Server in Eclipse IDE

To run JSP in Eclipse, you need a Server. In this tutorial we will see how to download and configure Apache tomcat server in Eclipse IDE.

Step 1: Download

Go to this link: <http://tomcat.apache.org/download-80.cgi>. If you are on Mac then click the zip file (first option under core). If you are on Windows then you have two options, 32 bit and 64 bit, depending on your operating system type click on the zip file, for example if you are on 64 bit windows then click on the 64-bit Windows zip.

8.0.44

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

Binary Distributions

- Core:
 - [zip \(pgp, md5, sha1\)](#)
 - [tar.gz \(pgp, md5, sha1\)](#)
 - [32-bit Windows zip \(pgp, md5, sha1\)](#)
 - [64-bit Windows zip \(pgp, md5, sha1\)](#)
 - [32-bit/64-bit Windows Service Installer \(pgp, md5, sha1\)](#)
- Full documentation:
 - [tar.gz \(pgp, md5, sha1\)](#)
- Deployer:
 - [zip \(pgp, md5, sha1\)](#)
 - [tar.gz \(pgp, md5, sha1\)](#)
- Extract:

In this tutorial, I'm downloading Apache tomcat version **8.0.44**

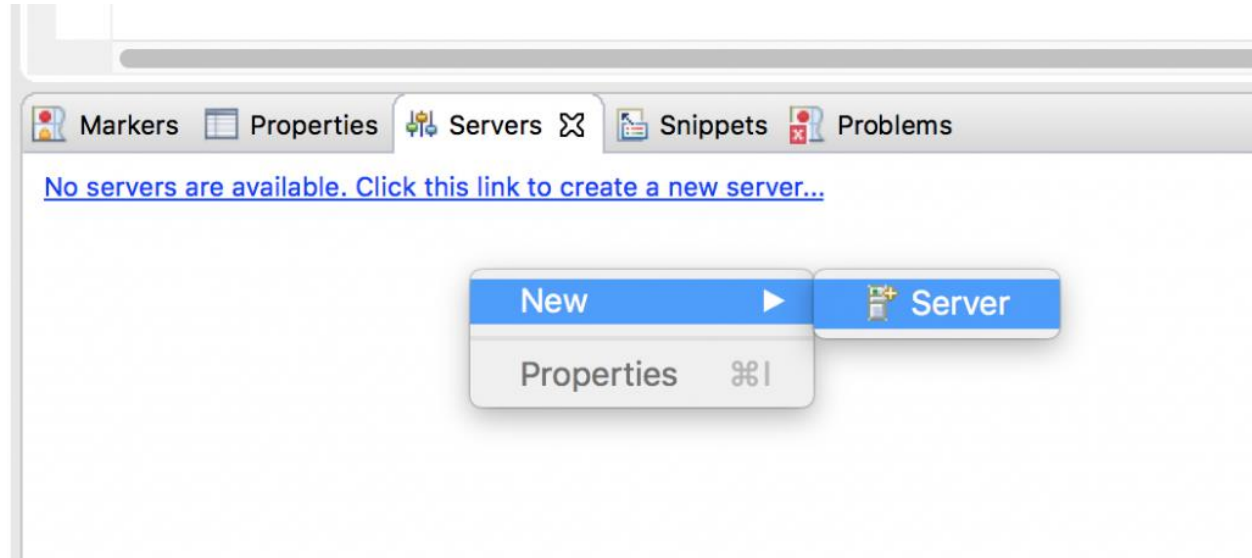
Step 2: Extract the downloaded zip folder

Extract the zipped folder to any desired location.

Step 3: Select the Server in Eclipse IDE

Open Eclipse IDE > Click on the Servers tab located at the bottom > right click >

New > click on Server



Select Apache and then select the appropriate version of tomcat server, for example, I've downloaded the tomcat version 8.0.44 so I'm selecting Tomcat v8.0 Server. After selecting, click next.

If you don't see the apache option in the add server list that means you are missing few adapters in Eclipse, refer this tutorial to fix the issue: [How to fix "no apache tomcat adapter in Eclipse" issue](#)

New Server

Define a New Server








Choose the type of server to create



[Show downloadable server adapters](#)

Select the server type:

type filter text

-  Tomcat v4.0 Server
-  Tomcat v4.1 Server
-  Tomcat v5.0 Server
-  Tomcat v5.5 Server
-  Tomcat v6.0 Server
-  Tomcat v7.0 Server
-  Tomcat v8.0 Server

▶  Apache Software Foundation

Publishes and runs J2EE and Java EE Web projects and server configurations to a local Tomcat server.

Server's host name:

localhost

Server name:

Tomcat v8.0 Server at localhost



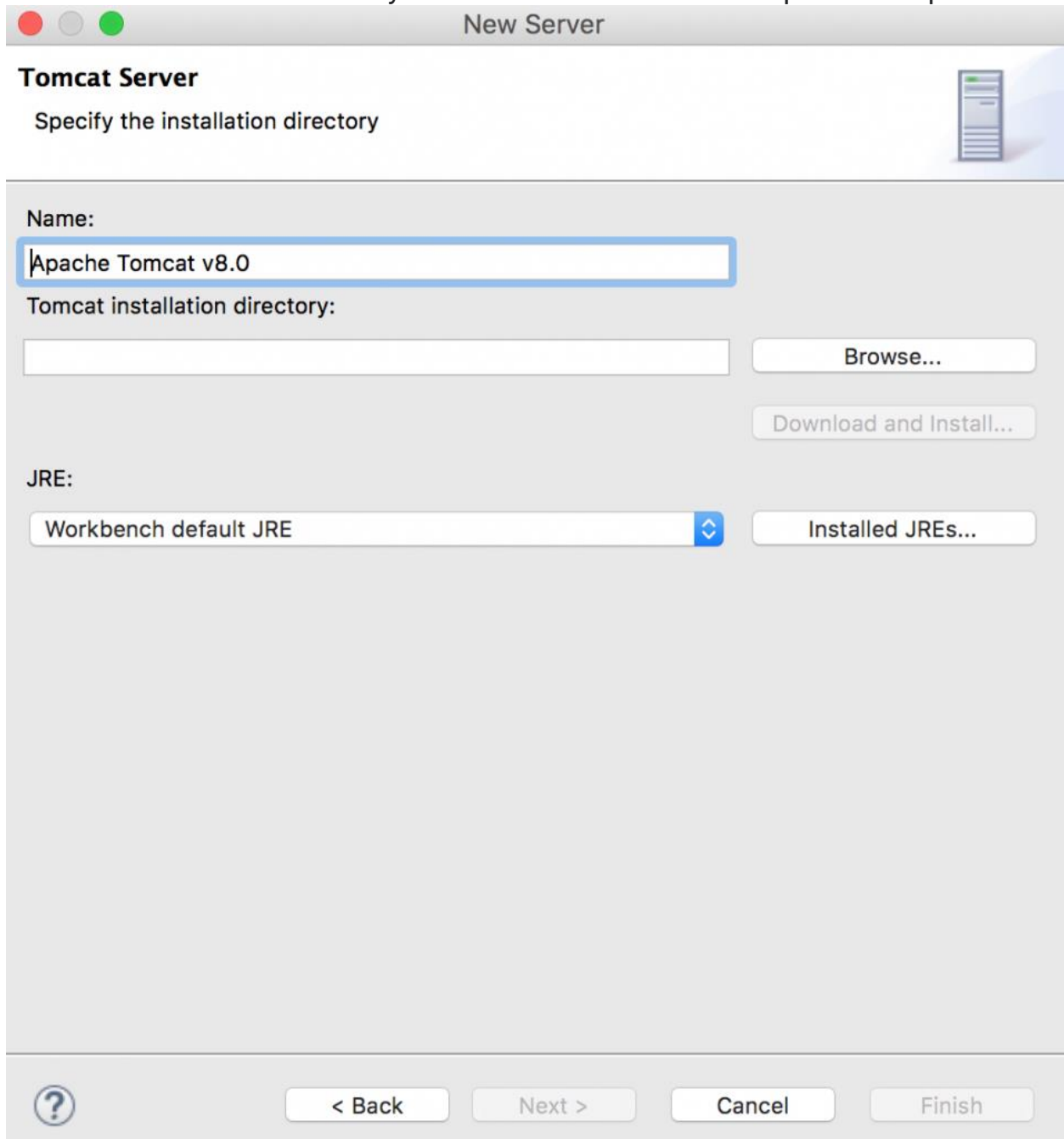
< Back

Next >

Cancel

Finish

You will be presented with a window as shown in the image below. Click browse and select the the folder that you have extracted from the zip file in Step 2.



The image shows a 'New Server' dialog box with the following elements:

- Title Bar:** 'New Server' with standard macOS window controls (red, yellow, green buttons).
- Section Header:** 'Tomcat Server' with a server icon on the right.
- Instruction:** 'Specify the installation directory'.
- Name:** A text field containing 'Apache Tomcat v8.0'.
- Tomcat installation directory:** An empty text field with a 'Browse...' button to its right.
- JRE:** A dropdown menu showing 'Workbench default JRE' with a blue arrow button to its right, and an 'Installed JREs...' button further to the right.
- Footer:** A question mark icon on the left, and four buttons: '< Back', 'Next >', 'Cancel', and 'Finish'.

Click finish.

Tomcat Server
Specify the installation directory

Name:
Apache Tomcat v8.0

Tomcat installation directory:
/Users/chaitanyasingh/Downloads/apache-tomcat-8.0.44

JRE:
Workbench default JRE

< Back Next > Cancel Finish

That's it you have successfully configured the tomcat server in Eclipse, you can now run the JSP in Eclipse.

Courtesy: <https://beginnersbook.com/2017/06/how-to-configure-apache-tomcat-server-in-eclipse-ide/>

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