

Tomcat Assignment

```
[ec2-user@ip-172-31-41-38 ~]$ cat script.sh
#update binaries
sudo apt-get update

#install git
sudo apt-get install git

#install java
sudo apt-get install java

#maven installation
sudo apt-get install maven -y

#tomcat installation

#download tomcat from internet use wget
wget https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.91/bin/apache-tomcat-9.0.91.tar.gz

#Unzip the downloaded file
tar -xvzf apache-tomcat-9.0.91.tar.gz
#After unzip delete unzip file
rm -rf apache-tomcat-9.0.91.tar.gz
#Now move the directory name to tomcat
mv apache-tomcat-9.0.91 tomcat
#Go to bin directory inside the tomcat and execute startup.sh
sh tomcat/bin/startup.sh

#clone source code to local repo
git clone https://github.com/sunilb66/java-hello-world-with-maven

cd java-hello-world-with-maven
mvn clean install
cd target
cp jb-hello-world-maven-0.2.0.jar /home/ubuntu/tomcat/webapps/
```

Writing a shell script to automate tomcat installation and cloning with the simple project in the hit hub

```
[/plexus-utilities/3.0.5/plexus-utilities-3.0.5.pom (2.5 kB at 167 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.1/plexus-3.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.1/plexus-3.1.pom (19 kB at 3.1 MB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-digest/1.0/plexus-digest-1.0.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-digest/1.0/plexus-digest-1.0.pom (1.1 kB at 176 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.7/plexus-components-1.1.7.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.7/plexus-components-1.1.7.pom (5.0 kB at 829 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.0.8/plexus-components-1.0.8.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.0.8/plexus-components-1.0.8.pom (1.2 kB at 1.4 MB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.0-alpha-8/plexus-container-default-1.0-alpha-8.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.0-alpha-8/plexus-container-default-1.0-alpha-8.pom (7.3 kB at 1.2 MB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-digest/1.0/plexus-digest-1.0.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-digest/1.0/plexus-digest-1.0.jar (12 kB at 659 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.jar (230 kB at 6.1 MB/s)
[INFO] Installing /home/ec2-user/java-hello-world-with-maven/target/jb-hello-world-maven-0.2.0.jar to /home/ec2-user/.m2/repository/org/springframework/jb-hello-world-maven/0.2.0/jb-hello-world-maven-0.2.0.jar
[INFO] Installing /home/ec2-user/java-hello-world-with-maven/dependency-reduced-pom.xml to /home/ec2-user/.m2/repository/org/springframework/jb-hello-world-maven/0.2.0/jb-hello-world-maven-0.2.0.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 9.065 s
[INFO] Finished at: 2024-08-06T06:29:19Z
[INFO]
```

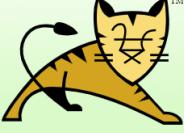
Running the shell script and successfully enabled the process.

⚠ Not secure 23.20.204.122:8080

Home Documentation Configuration Examples Wiki Mailing Lists Find Help

Apache Tomcat/9.0.91

If you're seeing this, you've successfully installed Tomcat. Congratulations!



Recommended Reading:

- [Security Considerations How-To](#)
- [Manager Application How-To](#)
- [Clustering/Session Replication How-To](#)

Server Status Manager App Host Manager

Developer Quick Start

Tomcat Setup	Realms & AAA	Examples	Servlet Specifications
First Web Application	JDBC DataSources		Tomcat Versions

Managing Tomcat

For security, access to the [manager webapp](#) is restricted. Users are defined in:

`$CATALINA_HOME/conf/tomcat-users.xml`

In Tomcat 9.0 access to the manager application is split between different users.

[Read more...](#)

Documentation

[Tomcat 9.0 Documentation](#)

[Tomcat 9.0 Configuration](#)

[Tomcat Wiki](#)

Find additional important configuration information in:

Getting Help

[FAQ and Mailing Lists](#)

The following mailing lists are available:

[tomcat-announce](#)

Important announcements, releases, security vulnerability notifications. (Low volume).

[tomcat-users](#)

User support and discussion

Using the security groups have enabled inbound rules for 8080 port and have accessed tomcat.