

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

Authenticating with public key "Imported-Openssh-Key"

```
• MobaXterm Personal Edition v25.2 •
(SSH client, X server and network tools)

➤ SSH session to ec2-user@13.235.91.147
  • Direct SSH      : ✓
  • SSH compression : ✓
  • SSH-browser     : ✓
  • X11-forwarding  : ✗ (disabled or not supported by server)

➤ For more info, ctrl+click on help or visit our website.
```

```
,      #_
~\     #####_      Amazon Linux 2
~~\    #####\
~~\    \###|
~~\    \#/
~~\    V~'  _->
~~~
~~~.  _./
~~~/_/_/
~~~/m/'

AL2 End of Life is 2026-06-30.

A newer version of Amazon Linux is available!

Amazon Linux 2023, GA and supported until 2028-03-15.
https://aws.amazon.com/linux/amazon-linux-2023/
```

```
[ec2-user@ip-172-31-6-5 ~]$ sudo su -
```

```
[root@ip-172-31-6-5 ~]# sudo yum install git
```

```
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
---> Package git.x86_64 0:2.47.1-1.amzn2.0.2 will be installed
--> Processing Dependency: git-core = 2.47.1-1.amzn2.0.2 for package:
git-2.47.1-1.amzn2.0.2.x86_64
--> Processing Dependency: git-core-doc = 2.47.1-1.amzn2.0.2 for package:
git-2.47.1-1.amzn2.0.2.x86_64
--> Processing Dependency: perl-Git = 2.47.1-1.amzn2.0.2 for package:
git-2.47.1-1.amzn2.0.2.x86_64
--> Processing Dependency: perl(Git) for package: git-2.47.1-1.amzn2.0.2.x86_64
--> Processing Dependency: perl(Term::ReadKey) for package:
git-2.47.1-1.amzn2.0.2.x86_64
--> Running transaction check
---> Package git-core.x86_64 0:2.47.1-1.amzn2.0.2 will be installed
---> Package git-core-doc.noarch 0:2.47.1-1.amzn2.0.2 will be installed
---> Package perl-Git.noarch 0:2.47.1-1.amzn2.0.2 will be installed
--> Processing Dependency: perl(Error) for package: perl-Git-2.47.1-1.amzn2.0.2.noarch
---> Package perl-TermReadKey.x86_64 0:2.30-20.amzn2.0.2 will be installed
--> Running transaction check
---> Package perl-Error.noarch 1:0.17020-2.amzn2 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
=====
Package Arch Version
Repository Size
=====
Installing:
git x86_64
2.47.1-1.amzn2.0.2 amzn2-core 57 k
Installing for dependencies:
git-core x86_64
2.47.1-1.amzn2.0.2 amzn2-core 11 M
git-core-doc noarch
2.47.1-1.amzn2.0.2 amzn2-core 3.2 M
perl-Error noarch
1:0.17020-2.amzn2 amzn2-core 32 k
perl-Git noarch
2.47.1-1.amzn2.0.2 amzn2-core 44 k
perl-TermReadKey x86_64
2.30-20.amzn2.0.2 amzn2-core 31 k

Transaction Summary
=====
Install 1 Package (+5 Dependent packages)

Total download size: 15 M
Installed size: 47 M
Is this ok [y/d/N]: y
Downloading packages:
(1/6): git-2.47.1-1.amzn2.0.2.x86_64.rpm
| 57 kB 00:00:00
(2/6): git-core-doc-2.47.1-1.amzn2.0.2.noarch.rpm
| 3.2 MB 00:00:00
(3/6): perl-Error-0.17020-2.amzn2.noarch.rpm
| 32 kB 00:00:00
(4/6): perl-Git-2.47.1-1.amzn2.0.2.noarch.rpm
| 44 kB 00:00:00
(5/6): git-core-2.47.1-1.amzn2.0.2.x86_64.rpm
| 11 MB 00:00:00
(6/6): perl-TermReadKey-2.30-20.amzn2.0.2.x86_64.rpm
| 31 kB 00:00:00
-----
Total
44 MB/s | 15 MB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : git-core-2.47.1-1.amzn2.0.2.x86_64
1/6
Installing : git-core-doc-2.47.1-1.amzn2.0.2.noarch
2/6
Installing : 1:perl-Error-0.17020-2.amzn2.noarch
3/6
```

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

Installing : perl-TermReadKey-2.30-20.amzn2.0.2.x86_64
4/6

Installing : perl-Git-2.47.1-1.amzn2.0.2.noarch
5/6

Installing : git-2.47.1-1.amzn2.0.2.x86_64
6/6

Verifying : perl-TermReadKey-2.30-20.amzn2.0.2.x86_64
1/6

Verifying : perl-Git-2.47.1-1.amzn2.0.2.noarch
2/6

Verifying : git-2.47.1-1.amzn2.0.2.x86_64
3/6

Verifying : 1:perl-Error-0.17020-2.amzn2.noarch
4/6

Verifying : git-core-doc-2.47.1-1.amzn2.0.2.noarch
5/6

Verifying : git-core-2.47.1-1.amzn2.0.2.x86_64
6/6

Installed:

git.x86_64 0:2.47.1-1.amzn2.0.2

Dependency Installed:

git-core.x86_64 0:2.47.1-1.amzn2.0.2	git-core-doc.noarch
0:2.47.1-1.amzn2.0.2	perl-Error.noarch 1:0.17020-2.amzn2
perl-Git.noarch 0:2.47.1-1.amzn2.0.2	perl-TermReadKey.x86_64
0:2.30-20.amzn2.0.2	

Complete!

[root@ip-172-31-6-5 ~]# sudo amazon-linux-extras install java-openjdk11

Topic java-openjdk11 has end-of-support date of 2024-09-30

Installing java-11-openjdk

Loaded plugins: extras_suggestions, langpacks, priorities, update-motd

Cleaning repos: amzn2-core amzn2extra-docker amzn2extra-java-openjdk11

amzn2extra-kernel-5.10

17 metadata files removed

6 sqlite files removed

0 metadata files removed

Loaded plugins: extras_suggestions, langpacks, priorities, update-motd

amzn2-core

| 3.6 kB 00:00:00

amzn2extra-docker

| 2.9 kB 00:00:00

amzn2extra-java-openjdk11

| 3.0 kB 00:00:00

amzn2extra-kernel-5.10

| 3.0 kB 00:00:00

(1/9): amzn2-core/2/x86_64/group_gz

| 2.7 kB 00:00:00

(2/9): amzn2-core/2/x86_64/updateinfo

| 1.1 MB 00:00:00

(3/9): amzn2extra-java-openjdk11/2/x86_64/primary_db

| 193 kB 00:00:00

(4/9): amzn2extra-kernel-5.10/2/x86_64/updateinfo

| 140 kB 00:00:00

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

```
(5/9): amzn2extra-java-openjdk11/2/x86_64/updateinfo
| 11 kB 00:00:00
(6/9): amzn2extra-docker/2/x86_64/updateinfo
| 25 kB 00:00:00
(7/9): amzn2extra-docker/2/x86_64/primary_db
| 129 kB 00:00:00
(8/9): amzn2extra-kernel-5.10/2/x86_64/primary_db
| 37 MB 00:00:00
(9/9): amzn2-core/2/x86_64/primary_db
| 77 MB 00:00:01
Resolving Dependencies
--> Running transaction check
---> Package java-11-openjdk.x86_64 1:11.0.25.0.9-1.amzn2.0.2 will be installed
--> Processing Dependency: java-11-openjdk-headless(x86-64) = 1:11.0.25.0.9-1.amzn2.0.2
for package: 1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: fontconfig(x86-64) for package:
1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: xorg-x11-fonts-Type1 for package:
1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libX11.so.6()(64bit) for package:
1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libXext.so.6()(64bit) for package:
1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libXi.so.6()(64bit) for package:
1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libXrender.so.1()(64bit) for package:
1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libXtst.so.6()(64bit) for package:
1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libgif.so.4()(64bit) for package:
1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libjava.so()(64bit) for package:
1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libjvm.so()(64bit) for package:
1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Running transaction check
---> Package fontconfig.x86_64 0:2.13.0-4.3.amzn2 will be installed
--> Processing Dependency: dejavu-sans-fonts for package:
fontconfig-2.13.0-4.3.amzn2.x86_64
--> Processing Dependency: fontpackages-filesystem for package:
fontconfig-2.13.0-4.3.amzn2.x86_64
---> Package giflib.x86_64 0:4.1.6-9.amzn2.0.2 will be installed
--> Processing Dependency: libICE.so.6()(64bit) for package:
giflib-4.1.6-9.amzn2.0.2.x86_64
--> Processing Dependency: libSM.so.6()(64bit) for package:
giflib-4.1.6-9.amzn2.0.2.x86_64
---> Package java-11-openjdk-headless.x86_64 1:11.0.25.0.9-1.amzn2.0.2 will be installed
--> Processing Dependency: copy-jdk-configs >= 3.3 for package:
1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: cups-libs(x86-64) for package:
1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: javapackages-tools for package:
1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libasound.so.2(ALSA_0.9)(64bit) for package:
1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
```

```
--> Processing Dependency: libasound.so.2(ALSA_0.9.0rc4)(64bit) for package:
1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: lksctp-tools(x86-64) for package:
1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: log4j-cve-2021-44228-cve-mitigations for package:
1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: pcsc-lite-libs(x86-64) for package:
1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libasound.so.2()(64bit) for package:
1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
--> Processing Dependency: libharfbuzz.so.0()(64bit) for package:
1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
---> Package libX11.x86_64 0:1.6.7-3.amzn2.0.5 will be installed
--> Processing Dependency: libX11-common >= 1.6.7-3.amzn2.0.5 for package:
libX11-1.6.7-3.amzn2.0.5.x86_64
--> Processing Dependency: libxcb.so.1()(64bit) for package:
libX11-1.6.7-3.amzn2.0.5.x86_64
---> Package libXext.x86_64 0:1.3.3-3.amzn2.0.2 will be installed
---> Package libXi.x86_64 0:1.7.9-1.amzn2.0.2 will be installed
---> Package libXrender.x86_64 0:0.9.10-1.amzn2.0.2 will be installed
---> Package libXtst.x86_64 0:1.2.3-1.amzn2.0.2 will be installed
---> Package xorg-x11-fonts-Type1.noarch 0:7.5-9.amzn2 will be installed
--> Processing Dependency: mkfontdir for package:
xorg-x11-fonts-Type1-7.5-9.amzn2.noarch
--> Processing Dependency: mkfontdir for package:
xorg-x11-fonts-Type1-7.5-9.amzn2.noarch
--> Processing Dependency: ttmkfdir for package: xorg-x11-fonts-Type1-7.5-9.amzn2.noarch
--> Processing Dependency: ttmkfdir for package: xorg-x11-fonts-Type1-7.5-9.amzn2.noarch
--> Running transaction check
---> Package alsa-lib.x86_64 0:1.1.4.1-2.amzn2 will be installed
---> Package copy-jdk-configs.noarch 0:3.3-10.amzn2 will be installed
---> Package cups-libs.x86_64 1:1.6.3-51.amzn2.0.5 will be installed
--> Processing Dependency: libavahi-client.so.3()(64bit) for package:
1:cups-libs-1.6.3-51.amzn2.0.5.x86_64
--> Processing Dependency: libavahi-common.so.3()(64bit) for package:
1:cups-libs-1.6.3-51.amzn2.0.5.x86_64
---> Package dejavu-sans-fonts.noarch 0:2.33-6.amzn2 will be installed
--> Processing Dependency: dejavu-fonts-common = 2.33-6.amzn2 for package:
dejavu-sans-fonts-2.33-6.amzn2.noarch
---> Package fontpackages-filesystem.noarch 0:1.44-8.amzn2 will be installed
---> Package harfbuzz.x86_64 0:1.7.5-2.amzn2.0.2 will be installed
--> Processing Dependency: libgraphite2.so.3()(64bit) for package:
harfbuzz-1.7.5-2.amzn2.0.2.x86_64
---> Package javapackages-tools.noarch 0:3.4.1-11.amzn2 will be installed
--> Processing Dependency: python-javapackages = 3.4.1-11.amzn2 for package:
javapackages-tools-3.4.1-11.amzn2.noarch
--> Processing Dependency: libxslt for package: javapackages-tools-3.4.1-11.amzn2.noarch
---> Package libICE.x86_64 0:1.0.9-9.amzn2.0.2 will be installed
---> Package libSM.x86_64 0:1.2.2-2.amzn2.0.2 will be installed
---> Package libX11-common.noarch 0:1.6.7-3.amzn2.0.5 will be installed
---> Package libxcb.x86_64 0:1.12-1.amzn2.0.2 will be installed
--> Processing Dependency: libXau.so.6()(64bit) for package:
libxcb-1.12-1.amzn2.0.2.x86_64
---> Package lksctp-tools.x86_64 0:1.0.17-2.amzn2.0.2 will be installed
---> Package log4j-cve-2021-44228-hotpatch.noarch 0:1.3-7.amzn2 will be installed
```

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```
--> Package pcsc-lite-libs.x86_64 0:1.8.8-7.amzn2 will be installed
--> Package ttmkfdirdir.x86_64 0:3.0.9-42.amzn2.0.2 will be installed
--> Package xorg-x11-font-utils.x86_64 1:7.5-21.amzn2 will be installed
--> Processing Dependency: libfontenc.so.1()(64bit) for package:
1:xorg-x11-font-utils-7.5-21.amzn2.x86_64
--> Running transaction check
--> Package avahi-libs.x86_64 0:0.6.31-20.amzn2.0.7 will be installed
--> Package dejavu-fonts-common.noarch 0:2.33-6.amzn2 will be installed
--> Package graphite2.x86_64 0:1.3.10-1.amzn2.0.2 will be installed
--> Package libXau.x86_64 0:1.0.8-2.1.amzn2.0.2 will be installed
--> Package libfontenc.x86_64 0:1.1.3-3.amzn2.0.2 will be installed
--> Package libxslt.x86_64 0:1.1.28-6.amzn2.0.4 will be installed
--> Package python-javapackages.noarch 0:3.4.1-11.amzn2 will be installed
--> Processing Dependency: python-lxml for package:
python-javapackages-3.4.1-11.amzn2.noarch
--> Running transaction check
--> Package python-lxml.x86_64 0:3.2.1-4.amzn2.0.7 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
=====
Package                               Arch                               Version
Repository                             Size
=====
=====
Installing:
  java-11-openjdk                      x86_64
1:11.0.25.0.9-1.amzn2.0.2              amzn2extra-java-openjdk11
242 k
Installing for dependencies:
  alsa-lib                             x86_64                             1.1.4.1-2.amzn2
amzn2-core                             425 k
  avahi-libs                           x86_64
0.6.31-20.amzn2.0.7                    amzn2-core
62 k
  copy-jdk-configs                     noarch                             3.3-10.amzn2
amzn2-core                             21 k
  cups-libs                            x86_64
1:1.6.3-51.amzn2.0.5                   amzn2-core
357 k
  dejavu-fonts-common                  noarch                             2.33-6.amzn2
amzn2-core                             64 k
  dejavu-sans-fonts                    noarch                             2.33-6.amzn2
amzn2-core                             1.4 M
  fontconfig                           x86_64                             2.13.0-4.3.amzn2
amzn2-core                             253 k
  fontpackages-filesystem              noarch                             1.44-8.amzn2
amzn2-core                             10 k
  giflib                               x86_64                             4.1.6-9.amzn2.0.2
amzn2-core                             40 k
  graphite2                            x86_64
1.3.10-1.amzn2.0.2                     amzn2-core
115 k
```

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

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harfbuzz	x86_64	1.7.5-2.amzn2.0.2
amzn2-core	279 k	
java-11-openjdk-headless	x86_64	
1:11.0.25.0.9-1.amzn2.0.2	amzn2extra-java-openjdk11	
39 M		
javapackages-tools	noarch	3.4.1-11.amzn2
amzn2-core	73 k	
libICE	x86_64	1.0.9-9.amzn2.0.2
amzn2-core	67 k	
libSM	x86_64	1.2.2-2.amzn2.0.2
amzn2-core	39 k	
libX11	x86_64	1.6.7-3.amzn2.0.5
amzn2-core	607 k	
libX11-common	noarch	1.6.7-3.amzn2.0.5
amzn2-core	165 k	
libXau	x86_64	
1.0.8-2.1.amzn2.0.2	amzn2-core	
29 k		
libXext	x86_64	1.3.3-3.amzn2.0.2
amzn2-core	39 k	
libXi	x86_64	1.7.9-1.amzn2.0.2
amzn2-core	41 k	
libXrender	x86_64	
0.9.10-1.amzn2.0.2	amzn2-core	
26 k		
libXtst	x86_64	1.2.3-1.amzn2.0.2
amzn2-core	20 k	
libfontenc	x86_64	1.1.3-3.amzn2.0.2
amzn2-core	31 k	
libxcb	x86_64	1.12-1.amzn2.0.2
amzn2-core	216 k	
libxslt	x86_64	
1.1.28-6.amzn2.0.4	amzn2-core	
240 k		
lksctp-tools	x86_64	
1.0.17-2.amzn2.0.2	amzn2-core	
88 k		
log4j-cve-2021-44228-hotpatch	noarch	1.3-7.amzn2
amzn2-core	139 k	
pcsc-lite-libs	x86_64	1.8.8-7.amzn2
amzn2-core	35 k	
python-javapackages	noarch	3.4.1-11.amzn2
amzn2-core	31 k	
python-lxml	x86_64	3.2.1-4.amzn2.0.7
amzn2-core	1.0 M	
ttmkfdir	x86_64	
3.0.9-42.amzn2.0.2	amzn2-core	
50 k		
xorg-x11-font-utils	x86_64	1:7.5-21.amzn2
amzn2-core	103 k	
xorg-x11-fonts-Type1	noarch	7.5-9.amzn2
amzn2-core	521 k	

Transaction Summary

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Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

=====

Install 1 Package (+33 Dependent packages)

Total download size: 46 M

Installed size: 184 M

Is this ok [y/d/N]: y

Downloading packages:

(1/34): avahi-libs-0.6.31-20.amzn2.0.7.x86_64.rpm
| 62 kB 00:00:00
(2/34): alsa-lib-1.1.4.1-2.amzn2.x86_64.rpm
| 425 kB 00:00:00
(3/34): copy-jdk-configs-3.3-10.amzn2.noarch.rpm
| 21 kB 00:00:00
(4/34): dejavu-fonts-common-2.33-6.amzn2.noarch.rpm
| 64 kB 00:00:00
(5/34): cups-libs-1.6.3-51.amzn2.0.5.x86_64.rpm
| 357 kB 00:00:00
(6/34): dejavu-sans-fonts-2.33-6.amzn2.noarch.rpm
| 1.4 MB 00:00:00
(7/34): fontconfig-2.13.0-4.3.amzn2.x86_64.rpm
| 253 kB 00:00:00
(8/34): giflib-4.1.6-9.amzn2.0.2.x86_64.rpm
| 40 kB 00:00:00
(9/34): fontpackages-filesystem-1.44-8.amzn2.noarch.rpm
| 10 kB 00:00:00
(10/34): graphite2-1.3.10-1.amzn2.0.2.x86_64.rpm
| 115 kB 00:00:00
(11/34): harfbuzz-1.7.5-2.amzn2.0.2.x86_64.rpm
| 279 kB 00:00:00
(12/34): javapackages-tools-3.4.1-11.amzn2.noarch.rpm
| 73 kB 00:00:00
(13/34): libICE-1.0.9-9.amzn2.0.2.x86_64.rpm
| 67 kB 00:00:00
(14/34): libSM-1.2.2-2.amzn2.0.2.x86_64.rpm
| 39 kB 00:00:00
(15/34): libX11-1.6.7-3.amzn2.0.5.x86_64.rpm
| 607 kB 00:00:00
(16/34): libXau-1.0.8-2.1.amzn2.0.2.x86_64.rpm
| 29 kB 00:00:00
(17/34): libX11-common-1.6.7-3.amzn2.0.5.noarch.rpm
| 165 kB 00:00:00
(18/34): libXext-1.3.3-3.amzn2.0.2.x86_64.rpm
| 39 kB 00:00:00
(19/34): libXi-1.7.9-1.amzn2.0.2.x86_64.rpm
| 41 kB 00:00:00
(20/34): libXrender-0.9.10-1.amzn2.0.2.x86_64.rpm
| 26 kB 00:00:00
(21/34): libXtst-1.2.3-1.amzn2.0.2.x86_64.rpm
| 20 kB 00:00:00
(22/34): libfontenc-1.1.3-3.amzn2.0.2.x86_64.rpm
| 31 kB 00:00:00
(23/34): libxcb-1.12-1.amzn2.0.2.x86_64.rpm
| 216 kB 00:00:00
(24/34): java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64.rpm
| 242 kB 00:00:00

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
(25/34): lksctp-tools-1.0.17-2.amzn2.0.2.x86_64.rpm
| 88 kB 00:00:00
(26/34): libxslt-1.1.28-6.amzn2.0.4.x86_64.rpm
| 240 kB 00:00:00
(27/34): pcsc-lite-libs-1.8.8-7.amzn2.x86_64.rpm
| 35 kB 00:00:00
(28/34): log4j-cve-2021-44228-hotpatch-1.3-7.amzn2.noarch.rpm
| 139 kB 00:00:00
(29/34): python-javapackages-3.4.1-11.amzn2.noarch.rpm
| 31 kB 00:00:00
(30/34): ttmkfdir-3.0.9-42.amzn2.0.2.x86_64.rpm
| 50 kB 00:00:00
(31/34): xorg-x11-font-utils-7.5-21.amzn2.x86_64.rpm
| 103 kB 00:00:00
(32/34): xorg-x11-fonts-Type1-7.5-9.amzn2.noarch.rpm
| 521 kB 00:00:00
(33/34): python-lxml-3.2.1-4.amzn2.0.7.x86_64.rpm
| 1.0 MB 00:00:00
(34/34): java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64.rpm
| 39 MB 00:00:00
```

Total

41 MB/s | 46 MB 00:00:01

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : libICE-1.0.9-9.amzn2.0.2.x86_64

1/34

Installing : libxslt-1.1.28-6.amzn2.0.4.x86_64

2/34

Installing : fontpackages-filesystem-1.44-8.amzn2.noarch

3/34

Installing : dejavu-fonts-common-2.33-6.amzn2.noarch

4/34

Installing : dejavu-sans-fonts-2.33-6.amzn2.noarch

5/34

Installing : fontconfig-2.13.0-4.3.amzn2.x86_64

6/34

Installing : python-lxml-3.2.1-4.amzn2.0.7.x86_64

7/34

Installing : python-javapackages-3.4.1-11.amzn2.noarch

8/34

Installing : javapackages-tools-3.4.1-11.amzn2.noarch

9/34

Installing : libSM-1.2.2-2.amzn2.0.2.x86_64

10/34

Installing : graphite2-1.3.10-1.amzn2.0.2.x86_64

11/34

Installing : harfbuzz-1.7.5-2.amzn2.0.2.x86_64

12/34

Installing : alsa-lib-1.1.4.1-2.amzn2.x86_64

13/34

Installing : copy-jdk-configs-3.3-10.amzn2.noarch

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
14/34
  Installing : pcsc-lite-libs-1.8.8-7.amzn2.x86_64
15/34
  Installing : libX11-common-1.6.7-3.amzn2.0.5.noarch
16/34
  Installing : avahi-libs-0.6.31-20.amzn2.0.7.x86_64
17/34
  Installing : 1:cups-libs-1.6.3-51.amzn2.0.5.x86_64
18/34
  Installing : libfontenc-1.1.3-3.amzn2.0.2.x86_64
19/34
  Installing : 1:xorg-x11-font-utils-7.5-21.amzn2.x86_64
20/34
  Installing : libXau-1.0.8-2.1.amzn2.0.2.x86_64
21/34
  Installing : libxcb-1.12-1.amzn2.0.2.x86_64
22/34
  Installing : libX11-1.6.7-3.amzn2.0.5.x86_64
23/34
  Installing : libXext-1.3.3-3.amzn2.0.2.x86_64
24/34
  Installing : libXi-1.7.9-1.amzn2.0.2.x86_64
25/34
  Installing : libXtst-1.2.3-1.amzn2.0.2.x86_64
26/34
  Installing : libXrender-0.9.10-1.amzn2.0.2.x86_64
27/34
  Installing : giflib-4.1.6-9.amzn2.0.2.x86_64
28/34
  Installing : ttmkfdird-3.0.9-42.amzn2.0.2.x86_64
29/34
  Installing : xorg-x11-fonts-Type1-7.5-9.amzn2.noarch
30/34
  Installing : lksctp-tools-1.0.17-2.amzn2.0.2.x86_64
31/34
  Installing : log4j-cve-2021-44228-hotpatch-1.3-7.amzn2.noarch
32/34
Created symlink from
/etc/systemd/system/multi-user.target.wants/log4j-cve-2021-44228-hotpatch.service to
/usr/lib/systemd/system/log4j-cve-2021-44228-hotpatch.service.
  Installing : 1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
33/34
  Installing : 1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
34/34
  Verifying  : libSM-1.2.2-2.amzn2.0.2.x86_64
1/34
  Verifying  : fontpackages-filesystem-1.44-8.amzn2.noarch
2/34
  Verifying  : 1:java-11-openjdk-11.0.25.0.9-1.amzn2.0.2.x86_64
3/34
  Verifying  : libxcb-1.12-1.amzn2.0.2.x86_64
4/34
  Verifying  : libXext-1.3.3-3.amzn2.0.2.x86_64
5/34
  Verifying  : libX11-1.6.7-3.amzn2.0.5.x86_64
```

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
6/34
  Verifying : log4j-cve-2021-44228-hotpatch-1.3-7.amzn2.noarch
7/34
  Verifying : lksctp-tools-1.0.17-2.amzn2.0.2.x86_64
8/34
  Verifying : ttmkfdirdir-3.0.9-42.amzn2.0.2.x86_64
9/34
  Verifying : python-lxml-3.2.1-4.amzn2.0.7.x86_64
10/34
  Verifying : dejavu-fonts-common-2.33-6.amzn2.noarch
11/34
  Verifying : libXau-1.0.8-2.1.amzn2.0.2.x86_64
12/34
  Verifying : libfontenc-1.1.3-3.amzn2.0.2.x86_64
13/34
  Verifying : avahi-libs-0.6.31-20.amzn2.0.7.x86_64
14/34
  Verifying : xorg-x11-fonts-Type1-7.5-9.amzn2.noarch
15/34
  Verifying : 1:xorg-x11-font-utils-7.5-21.amzn2.x86_64
16/34
  Verifying : libXrender-0.9.10-1.amzn2.0.2.x86_64
17/34
  Verifying : libX11-common-1.6.7-3.amzn2.0.5.noarch
18/34
  Verifying : dejavu-sans-fonts-2.33-6.amzn2.noarch
19/34
  Verifying : libxslt-1.1.28-6.amzn2.0.4.x86_64
20/34
  Verifying : fontconfig-2.13.0-4.3.amzn2.x86_64
21/34
  Verifying : pccs-lite-libs-1.8.8-7.amzn2.x86_64
22/34
  Verifying : giflib-4.1.6-9.amzn2.0.2.x86_64
23/34
  Verifying : libXi-1.7.9-1.amzn2.0.2.x86_64
24/34
  Verifying : harfbuzz-1.7.5-2.amzn2.0.2.x86_64
25/34
  Verifying : python-javapackages-3.4.1-11.amzn2.noarch
26/34
  Verifying : libXtst-1.2.3-1.amzn2.0.2.x86_64
27/34
  Verifying : 1:java-11-openjdk-headless-11.0.25.0.9-1.amzn2.0.2.x86_64
28/34
  Verifying : copy-jdk-configs-3.3-10.amzn2.noarch
29/34
  Verifying : 1:cups-libs-1.6.3-51.amzn2.0.5.x86_64
30/34
  Verifying : alsa-lib-1.1.4.1-2.amzn2.x86_64
31/34
  Verifying : libICE-1.0.9-9.amzn2.0.2.x86_64
32/34
  Verifying : graphite2-1.3.10-1.amzn2.0.2.x86_64
33/34
```

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

Verifying : javapackages-tools-3.4.1-11.amzn2.noarch
34/34

Installed:

java-11-openjdk.x86_64 1:11.0.25.0.9-1.amzn2.0.2

Dependency Installed:

```
alsa-lib.x86_64 0:1.1.4.1-2.amzn2          avahi-libs.x86_64
0:0.6.31-20.amzn2.0.7                    copy-jdk-configs.noarch 0:3.3-10.amzn2
cups-libs.x86_64 1:1.6.3-51.amzn2.0.5      dejavu-fonts-common.noarch
0:2.33-6.amzn2                          dejavu-sans-fonts.noarch 0:2.33-6.amzn2
fontconfig.x86_64 0:2.13.0-4.3.amzn2        fontpackages-filesystem.noarch
0:1.44-8.amzn2                          giflib.x86_64 0:4.1.6-9.amzn2.0.2
graphite2.x86_64 0:1.3.10-1.amzn2.0.2      harfbuzz.x86_64 0:1.7.5-2.amzn2.0.2
java-11-openjdk-headless.x86_64 1:11.0.25.0.9-1.amzn2.0.2
javapackages-tools.noarch 0:3.4.1-11.amzn2  libICE.x86_64 0:1.0.9-9.amzn2.0.2
libSM.x86_64 0:1.2.2-2.amzn2.0.2
libX11.x86_64 0:1.6.7-3.amzn2.0.5          libX11-common.noarch
0:1.6.7-3.amzn2.0.5                    libXau.x86_64 0:1.0.8-2.1.amzn2.0.2
libXext.x86_64 0:1.3.3-3.amzn2.0.2        libXi.x86_64 0:1.7.9-1.amzn2.0.2
libXrender.x86_64 0:0.9.10-1.amzn2.0.2
libXtst.x86_64 0:1.2.3-1.amzn2.0.2        libfontenc.x86_64 0:1.1.3-3.amzn2.0.2
libxcb.x86_64 0:1.12-1.amzn2.0.2
libxslt.x86_64 0:1.1.28-6.amzn2.0.4        lksctp-tools.x86_64
0:1.0.17-2.amzn2.0.2                  log4j-cve-2021-44228-hotpatch.noarch 0:1.3-7.amzn2
pcsc-lite-libs.x86_64 0:1.8.8-7.amzn2      python-javapackages.noarch
0:3.4.1-11.amzn2                    python-lxml.x86_64 0:3.2.1-4.amzn2.0.7
ttmkfdir.x86_64 0:3.0.9-42.amzn2.0.2      xorg-x11-font-utils.x86_64
1:7.5-21.amzn2                    xorg-x11-fonts-Type1.noarch 0:7.5-9.amzn2
```

Complete!

```
2  httpd_modules          available  [ =1.0  =stable ]
3  memcached1.5           available  \
    [ =1.5.1  =1.5.16  =1.5.17 ]
9  R3.4                   available  [ =3.4.3  =stable ]
10 rust1                  available  \
    [ =1.22.1  =1.26.0  =1.26.1  =1.27.2  =1.31.0  =1.38.0
    =stable ]
18 libreoffice            available  \
    [ =5.0.6.2_15  =5.3.6.1  =stable ]
19 gimp                   available  [ =2.8.22 ]
20 †docker=latest         enabled   \
    [ =17.12.1  =18.03.1  =18.06.1  =18.09.9  =stable ]
21 mate-desktop1.x        available  \
    [ =1.19.0  =1.20.0  =stable ]
22 GraphicsMagick1.3      available  \
    [ =1.3.29  =1.3.32  =1.3.34  =stable ]
24 epel                   available  [ =7.11  =stable ]
25 testing                available  [ =1.0  =stable ]
26 ecs                    available  [ =stable ]
27 †corretto8             available  \
    [ =1.8.0_192  =1.8.0_202  =1.8.0_212  =1.8.0_222  =1.8.0_232
    =1.8.0_242  =stable ]
32 lustre2.10             available  \
```

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

```

33      [ =2.10.5 =2.10.8 =stable ]
33 *java-openjdk11=latest      enabled      [ =11 =stable ]
34 lynis                        available     [ =stable ]
36 BCC                          available     [ =0.x =stable ]
37 mono                         available     [ =5.x =stable ]
38 nginx1                       available     [ =stable ]
40 mock                         available     [ =stable ]
43 livepatch                   available     [ =stable ]
45 haproxy2                     available     [ =stable ]
46 collectd                     available     [ =stable ]
47 aws-nitro-enclaves-cli       available     [ =stable ]
48 R4                           available     [ =stable ]
_   kernel-5.4                  available     [ =stable ]
50 selinux-ng                   available     [ =stable ]
52 tomcat9                      available     [ =stable ]
53 unbound1.13                  available     [ =stable ]
54 †mariadb10.5                 available     [ =stable ]
55 kernel-5.10=latest           enabled      [ =stable ]
56 redis6                       available     [ =stable ]
59 †postgres13                  available     [ =stable ]
60 mock2                        available     [ =stable ]
61 dnsmasq2.85                  available     [ =stable ]
62 kernel-5.15                  available     [ =stable ]
63 †postgres14                  available     [ =stable ]
64 firefox                      available     [ =stable ]
65 lustre                       available     [ =stable ]
67 awscli1                      available     [ =stable ]
68 †php8.2                      available     [ =stable ]
69 dnsmasq                      available     [ =stable ]
70 unbound1.17                  available     [ =stable ]
72 collectd-python3             available     [ =stable ]
* Extra topic has reached end of support.
† Note on end-of-support. Use 'info' subcommand.
[root@ip-172-31-6-5 ~]# java --version
openjdk 11.0.25 2024-10-15 LTS
OpenJDK Runtime Environment (Red_Hat-11.0.25.0.9-1.amzn2.0.2) (build 11.0.25+9-LTS)
OpenJDK 64-Bit Server VM (Red_Hat-11.0.25.0.9-1.amzn2.0.2) (build 11.0.25+9-LTS, mixed
mode, sharing)
[root@ip-172-31-6-5 ~]# git --version
git version 2.47.1
[root@ip-172-31-6-5 ~]# wget
https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.105/bin/apache-tomcat-9.0.105.tar.gz
--2025-06-09 06:23:15--
https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.105/bin/apache-tomcat-9.0.105.tar.gz
Resolving dlcdn.apache.org (dlcdn.apache.org)... 151.101.2.132, 2a04:4e42::644
Connecting to dlcdn.apache.org (dlcdn.apache.org)|151.101.2.132|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 13000541 (12M) [application/x-gzip]
Saving to: 'apache-tomcat-9.0.105.tar.gz'

100%[=====
=====>] 13,000,541  --.-K/s   in 0.1s

2025-06-09 06:23:15 (104 MB/s) - 'apache-tomcat-9.0.105.tar.gz' saved
[13000541/13000541]

```

```
[root@ip-172-31-6-5 ~]# tar -xvf apache-tomcat-9.0.105.tar.gz
apache-tomcat-9.0.105/conf/
apache-tomcat-9.0.105/conf/catalina.policy
apache-tomcat-9.0.105/conf/catalina.properties
apache-tomcat-9.0.105/conf/context.xml
apache-tomcat-9.0.105/conf/jaspic-providers.xml
apache-tomcat-9.0.105/conf/jaspic-providers.xsd
apache-tomcat-9.0.105/conf/logging.properties
apache-tomcat-9.0.105/conf/server.xml
apache-tomcat-9.0.105/conf/tomcat-users.xml
apache-tomcat-9.0.105/conf/tomcat-users.xsd
apache-tomcat-9.0.105/conf/web.xml
apache-tomcat-9.0.105/bin/
apache-tomcat-9.0.105/lib/
apache-tomcat-9.0.105/logs/
apache-tomcat-9.0.105/temp/
apache-tomcat-9.0.105/webapps/
apache-tomcat-9.0.105/webapps/ROOT/
apache-tomcat-9.0.105/webapps/ROOT/WEB-INF/
apache-tomcat-9.0.105/webapps/docs/
apache-tomcat-9.0.105/webapps/docs/META-INF/
apache-tomcat-9.0.105/webapps/docs/WEB-INF/
apache-tomcat-9.0.105/webapps/docs/WEB-INF/jsp/
apache-tomcat-9.0.105/webapps/docs/annotationapi/
apache-tomcat-9.0.105/webapps/docs/api/
apache-tomcat-9.0.105/webapps/docs/appdev/
apache-tomcat-9.0.105/webapps/docs/appdev/sample/
apache-tomcat-9.0.105/webapps/docs/appdev/sample/docs/
apache-tomcat-9.0.105/webapps/docs/appdev/sample/src/
apache-tomcat-9.0.105/webapps/docs/appdev/sample/src/mypackage/
apache-tomcat-9.0.105/webapps/docs/appdev/sample/web/
apache-tomcat-9.0.105/webapps/docs/appdev/sample/web/WEB-INF/
apache-tomcat-9.0.105/webapps/docs/appdev/sample/web/images/
apache-tomcat-9.0.105/webapps/docs/architecture/
apache-tomcat-9.0.105/webapps/docs/architecture/requestProcess/
apache-tomcat-9.0.105/webapps/docs/architecture/startup/
apache-tomcat-9.0.105/webapps/docs/config/
apache-tomcat-9.0.105/webapps/docs/elapi/
apache-tomcat-9.0.105/webapps/docs/images/
apache-tomcat-9.0.105/webapps/docs/images/fonts/
apache-tomcat-9.0.105/webapps/docs/jaspicapi/
apache-tomcat-9.0.105/webapps/docs/jspapi/
apache-tomcat-9.0.105/webapps/docs/servletapi/
apache-tomcat-9.0.105/webapps/docs/tribes/
apache-tomcat-9.0.105/webapps/docs/websocketapi/
apache-tomcat-9.0.105/webapps/examples/
apache-tomcat-9.0.105/webapps/examples/META-INF/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/checkbox/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/colors/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/compressionFilters/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/dates/
```

```
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/error/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/filters/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/http2/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/el/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/ssi/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/listeners/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/nonblocking/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/num/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/sessions/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/trailers/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/util/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/validators/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/chat/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/wsmessages/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/jsp/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/lib/
apache-tomcat-9.0.105/webapps/examples/WEB-INF/tags/
apache-tomcat-9.0.105/webapps/examples/jsp/
apache-tomcat-9.0.105/webapps/examples/jsp/async/
apache-tomcat-9.0.105/webapps/examples/jsp/checkbox/
apache-tomcat-9.0.105/webapps/examples/jsp/colors/
apache-tomcat-9.0.105/webapps/examples/jsp/dates/
apache-tomcat-9.0.105/webapps/examples/jsp/error/
apache-tomcat-9.0.105/webapps/examples/jsp/forward/
apache-tomcat-9.0.105/webapps/examples/jsp/images/
apache-tomcat-9.0.105/webapps/examples/jsp/include/
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jsp/
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/ssi/
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/
apache-tomcat-9.0.105/webapps/examples/jsp/jsptoserv/
apache-tomcat-9.0.105/webapps/examples/jsp/num/
apache-tomcat-9.0.105/webapps/examples/jsp/security/
apache-tomcat-9.0.105/webapps/examples/jsp/security/protected/
apache-tomcat-9.0.105/webapps/examples/jsp/sessions/
apache-tomcat-9.0.105/webapps/examples/jsp/ssi/
apache-tomcat-9.0.105/webapps/examples/jsp/snp/
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/
apache-tomcat-9.0.105/webapps/examples/jsp/xml/
apache-tomcat-9.0.105/webapps/examples/servlets/
apache-tomcat-9.0.105/webapps/examples/servlets/images/
apache-tomcat-9.0.105/webapps/examples/servlets/nonblocking/
apache-tomcat-9.0.105/webapps/examples/websocket/
apache-tomcat-9.0.105/webapps/host-manager/
```



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apache-tomcat-9.0.105/webapps/host-manager/META-INF/  
apache-tomcat-9.0.105/webapps/host-manager/WEB-INF/  
apache-tomcat-9.0.105/webapps/host-manager/WEB-INF/jsp/  
apache-tomcat-9.0.105/webapps/host-manager/css/  
apache-tomcat-9.0.105/webapps/host-manager/images/  
apache-tomcat-9.0.105/webapps/manager/  
apache-tomcat-9.0.105/webapps/manager/META-INF/  
apache-tomcat-9.0.105/webapps/manager/WEB-INF/  
apache-tomcat-9.0.105/webapps/manager/WEB-INF/jsp/  
apache-tomcat-9.0.105/webapps/manager/css/  
apache-tomcat-9.0.105/webapps/manager/images/  
apache-tomcat-9.0.105/work/  
apache-tomcat-9.0.105/BUILDING.txt  
apache-tomcat-9.0.105/CONTRIBUTING.md  
apache-tomcat-9.0.105/LICENSE  
apache-tomcat-9.0.105/NOTICE  
apache-tomcat-9.0.105/README.md  
apache-tomcat-9.0.105/RELEASE-NOTES  
apache-tomcat-9.0.105/RUNNING.txt  
apache-tomcat-9.0.105/bin/bootstrap.jar  
apache-tomcat-9.0.105/bin/catalina-tasks.xml  
apache-tomcat-9.0.105/bin/catalina.bat  
apache-tomcat-9.0.105/bin/ciphers.bat  
apache-tomcat-9.0.105/bin/commons-daemon-native.tar.gz  
apache-tomcat-9.0.105/bin/commons-daemon.jar  
apache-tomcat-9.0.105/bin/configtest.bat  
apache-tomcat-9.0.105/bin/digest.bat  
apache-tomcat-9.0.105/bin/makebase.bat  
apache-tomcat-9.0.105/bin/setclasspath.bat  
apache-tomcat-9.0.105/bin/shutdown.bat  
apache-tomcat-9.0.105/bin/startup.bat  
apache-tomcat-9.0.105/bin/tomcat-juli.jar  
apache-tomcat-9.0.105/bin/tomcat-native.tar.gz  
apache-tomcat-9.0.105/bin/tool-wrapper.bat  
apache-tomcat-9.0.105/bin/version.bat  
apache-tomcat-9.0.105/lib/annotations-api.jar  
apache-tomcat-9.0.105/lib/catalina-ant.jar  
apache-tomcat-9.0.105/lib/catalina-ha.jar  
apache-tomcat-9.0.105/lib/catalina-ssi.jar  
apache-tomcat-9.0.105/lib/catalina-storeconfig.jar  
apache-tomcat-9.0.105/lib/catalina-tribes.jar  
apache-tomcat-9.0.105/lib/catalina.jar  
apache-tomcat-9.0.105/lib/ecj-4.20.jar  
apache-tomcat-9.0.105/lib/el-api.jar  
apache-tomcat-9.0.105/lib/jasper-el.jar  
apache-tomcat-9.0.105/lib/jasper.jar  
apache-tomcat-9.0.105/lib/jaspic-api.jar  
apache-tomcat-9.0.105/lib/jsp-api.jar  
apache-tomcat-9.0.105/lib/servlet-api.jar  
apache-tomcat-9.0.105/lib/tomcat-api.jar  
apache-tomcat-9.0.105/lib/tomcat-coyote-ffmpeg.jar  
apache-tomcat-9.0.105/lib/tomcat-coyote.jar  
apache-tomcat-9.0.105/lib/tomcat-dbcp.jar  
apache-tomcat-9.0.105/lib/tomcat-i18n-cs.jar  
apache-tomcat-9.0.105/lib/tomcat-i18n-de.jar
```


apache-tomcat-9.0.105/lib/tomcat-i18n-es.jar
apache-tomcat-9.0.105/lib/tomcat-i18n-fr.jar
apache-tomcat-9.0.105/lib/tomcat-i18n-ja.jar
apache-tomcat-9.0.105/lib/tomcat-i18n-ko.jar
apache-tomcat-9.0.105/lib/tomcat-i18n-pt-BR.jar
apache-tomcat-9.0.105/lib/tomcat-i18n-ru.jar
apache-tomcat-9.0.105/lib/tomcat-i18n-zh-CN.jar
apache-tomcat-9.0.105/lib/tomcat-jdbc.jar
apache-tomcat-9.0.105/lib/tomcat-jni.jar
apache-tomcat-9.0.105/lib/tomcat-util-scan.jar
apache-tomcat-9.0.105/lib/tomcat-util.jar
apache-tomcat-9.0.105/lib/tomcat-websocket.jar
apache-tomcat-9.0.105/lib/websocket-api.jar
apache-tomcat-9.0.105/temp/safeToDelete.tmp
apache-tomcat-9.0.105/webapps/ROOT/RELEASE-NOTES.txt
apache-tomcat-9.0.105/webapps/ROOT/WEB-INF/web.xml
apache-tomcat-9.0.105/webapps/ROOT/asf-logo-wide.svg
apache-tomcat-9.0.105/webapps/ROOT/bg-button.png
apache-tomcat-9.0.105/webapps/ROOT/bg-middle.png
apache-tomcat-9.0.105/webapps/ROOT/bg-nav.png
apache-tomcat-9.0.105/webapps/ROOT/bg-upper.png
apache-tomcat-9.0.105/webapps/ROOT/favicon.ico
apache-tomcat-9.0.105/webapps/ROOT/index.jsp
apache-tomcat-9.0.105/webapps/ROOT/tomcat.css
apache-tomcat-9.0.105/webapps/ROOT/tomcat.svg
apache-tomcat-9.0.105/webapps/docs/BUILDING.txt
apache-tomcat-9.0.105/webapps/docs/META-INF/context.xml
apache-tomcat-9.0.105/webapps/docs/RELEASE-NOTES.txt
apache-tomcat-9.0.105/webapps/docs/RUNNING.txt
apache-tomcat-9.0.105/webapps/docs/WEB-INF/jsp/403.jsp
apache-tomcat-9.0.105/webapps/docs/WEB-INF/web.xml
apache-tomcat-9.0.105/webapps/docs/aio.html
apache-tomcat-9.0.105/webapps/docs/annotationapi/index.html
apache-tomcat-9.0.105/webapps/docs/api/index.html
apache-tomcat-9.0.105/webapps/docs/appdev/build.xml.txt
apache-tomcat-9.0.105/webapps/docs/appdev/deployment.html
apache-tomcat-9.0.105/webapps/docs/appdev/index.html
apache-tomcat-9.0.105/webapps/docs/appdev/installation.html
apache-tomcat-9.0.105/webapps/docs/appdev/introduction.html
apache-tomcat-9.0.105/webapps/docs/appdev/processes.html
apache-tomcat-9.0.105/webapps/docs/appdev/sample/build.xml
apache-tomcat-9.0.105/webapps/docs/appdev/sample/docs/README.txt
apache-tomcat-9.0.105/webapps/docs/appdev/sample/index.html
apache-tomcat-9.0.105/webapps/docs/appdev/sample/sample.war
apache-tomcat-9.0.105/webapps/docs/appdev/sample/src/mypackage/Hello.java
apache-tomcat-9.0.105/webapps/docs/appdev/sample/web/WEB-INF/web.xml
apache-tomcat-9.0.105/webapps/docs/appdev/sample/web/hello.jsp
apache-tomcat-9.0.105/webapps/docs/appdev/sample/web/images/tomcat.gif
apache-tomcat-9.0.105/webapps/docs/appdev/sample/web/index.html
apache-tomcat-9.0.105/webapps/docs/appdev/source.html
apache-tomcat-9.0.105/webapps/docs/appdev/web.xml.txt
apache-tomcat-9.0.105/webapps/docs/apr.html
apache-tomcat-9.0.105/webapps/docs/architecture/index.html
apache-tomcat-9.0.105/webapps/docs/architecture/overview.html
apache-tomcat-9.0.105/webapps/docs/architecture/requestProcess.html

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apache-tomcat-9.0.105/webapps/docs/architecture/requestProcess/11_nio.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/requestProcess/11_nio.png
apache-tomcat-9.0.105/webapps/docs/architecture/requestProcess/21_http11.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/requestProcess/21_http11.png
apache-tomcat-9.0.105/webapps/docs/architecture/requestProcess/31_synchronous.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/requestProcess/31_synchronous.png
apache-tomcat-9.0.105/webapps/docs/architecture/requestProcess/41_basic.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/requestProcess/41_basic.png
apache-tomcat-9.0.105/webapps/docs/architecture/startup.html
apache-tomcat-9.0.105/webapps/docs/architecture/startup/1_overview.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/startup/1_overview.png
apache-tomcat-9.0.105/webapps/docs/architecture/startup/2_catalina_init.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/startup/2_catalina_init.png
apache-tomcat-9.0.105/webapps/docs/architecture/startup/3_catalina_start_1.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/startup/3_catalina_start_1.png
apache-tomcat-9.0.105/webapps/docs/architecture/startup/4_catalina_start_2.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/startup/4_catalina_start_2.png
apache-tomcat-9.0.105/webapps/docs/architecture/startup/5_catalina_start_3.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/startup/5_catalina_start_3.png
apache-tomcat-9.0.105/webapps/docs/architecture/startup/6_catalina_host_config.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/startup/6_catalina_host_config.png
apache-tomcat-9.0.105/webapps/docs/architecture/startup/7_catalina_context_config.plantuml
apache-tomcat-9.0.105/webapps/docs/architecture/startup/7_catalina_context_config.png
apache-tomcat-9.0.105/webapps/docs/architecture/startup/serverStartup.txt
apache-tomcat-9.0.105/webapps/docs/balancer-howto.html
apache-tomcat-9.0.105/webapps/docs/building.html
apache-tomcat-9.0.105/webapps/docs/cdi.html
apache-tomcat-9.0.105/webapps/docs/cgi-howto.html
apache-tomcat-9.0.105/webapps/docs/changelog.html
apache-tomcat-9.0.105/webapps/docs/class-loader-howto.html
apache-tomcat-9.0.105/webapps/docs/cluster-howto.html
apache-tomcat-9.0.105/webapps/docs/comments.html
apache-tomcat-9.0.105/webapps/docs/config/ajp.html
apache-tomcat-9.0.105/webapps/docs/config/automatic-deployment.html
apache-tomcat-9.0.105/webapps/docs/config/cluster-channel.html
apache-tomcat-9.0.105/webapps/docs/config/cluster-deployer.html
apache-tomcat-9.0.105/webapps/docs/config/cluster-interceptor.html
apache-tomcat-9.0.105/webapps/docs/config/cluster-listener.html
apache-tomcat-9.0.105/webapps/docs/config/cluster-manager.html
apache-tomcat-9.0.105/webapps/docs/config/cluster-membership.html
apache-tomcat-9.0.105/webapps/docs/config/cluster-receiver.html
apache-tomcat-9.0.105/webapps/docs/config/cluster-sender.html
apache-tomcat-9.0.105/webapps/docs/config/cluster-valve.html
apache-tomcat-9.0.105/webapps/docs/config/cluster.html
apache-tomcat-9.0.105/webapps/docs/config/context.html
apache-tomcat-9.0.105/webapps/docs/config/cookie-processor.html
apache-tomcat-9.0.105/webapps/docs/config/credentialhandler.html
apache-tomcat-9.0.105/webapps/docs/config/engine.html
apache-tomcat-9.0.105/webapps/docs/config/executor.html
apache-tomcat-9.0.105/webapps/docs/config/filter.html
apache-tomcat-9.0.105/webapps/docs/config/globalresources.html
apache-tomcat-9.0.105/webapps/docs/config/host.html

Manual Deploy of Web App using Tomcat & Maven in EC2 by **Ganga Vaishnu Reddy. Emani**

apache-tomcat-9.0.105/webapps/docs/config/http.html
apache-tomcat-9.0.105/webapps/docs/config/http2.html
apache-tomcat-9.0.105/webapps/docs/config/index.html
apache-tomcat-9.0.105/webapps/docs/config/jar-scan-filter.html
apache-tomcat-9.0.105/webapps/docs/config/jar-scanner.html
apache-tomcat-9.0.105/webapps/docs/config/jaspic.html
apache-tomcat-9.0.105/webapps/docs/config/listeners.html
apache-tomcat-9.0.105/webapps/docs/config/loader.html
apache-tomcat-9.0.105/webapps/docs/config/manager.html
apache-tomcat-9.0.105/webapps/docs/config/realm.html
apache-tomcat-9.0.105/webapps/docs/config/resources.html
apache-tomcat-9.0.105/webapps/docs/config/runtime-attributes.html
apache-tomcat-9.0.105/webapps/docs/config/server.html
apache-tomcat-9.0.105/webapps/docs/config/service.html
apache-tomcat-9.0.105/webapps/docs/config/sessionidgenerator.html
apache-tomcat-9.0.105/webapps/docs/config/systemprops.html
apache-tomcat-9.0.105/webapps/docs/config/valve.html
apache-tomcat-9.0.105/webapps/docs/connectors.html
apache-tomcat-9.0.105/webapps/docs/default-servlet.html
apache-tomcat-9.0.105/webapps/docs/deployer-howto.html
apache-tomcat-9.0.105/webapps/docs/developers.html
apache-tomcat-9.0.105/webapps/docs/elapi/index.html
apache-tomcat-9.0.105/webapps/docs/graal.html
apache-tomcat-9.0.105/webapps/docs/host-manager-howto.html
apache-tomcat-9.0.105/webapps/docs/html-host-manager-howto.html
apache-tomcat-9.0.105/webapps/docs/html-manager-howto.html
apache-tomcat-9.0.105/webapps/docs/images/add.gif
apache-tomcat-9.0.105/webapps/docs/images/asf-logo.svg
apache-tomcat-9.0.105/webapps/docs/images/code.gif
apache-tomcat-9.0.105/webapps/docs/images/cors-flowchart.png
apache-tomcat-9.0.105/webapps/docs/images/design.gif
apache-tomcat-9.0.105/webapps/docs/images/docs-stylesheet.css
apache-tomcat-9.0.105/webapps/docs/images/docs.gif
apache-tomcat-9.0.105/webapps/docs/images/fix.gif
apache-tomcat-9.0.105/webapps/docs/images/fonts/OpenSans400.woff
apache-tomcat-9.0.105/webapps/docs/images/fonts/OpenSans400italic.woff
apache-tomcat-9.0.105/webapps/docs/images/fonts/OpenSans600.woff
apache-tomcat-9.0.105/webapps/docs/images/fonts/OpenSans600italic.woff
apache-tomcat-9.0.105/webapps/docs/images/fonts/OpenSans700.woff
apache-tomcat-9.0.105/webapps/docs/images/fonts/OpenSans700italic.woff
apache-tomcat-9.0.105/webapps/docs/images/fonts/fonts.css
apache-tomcat-9.0.105/webapps/docs/images/tomcat.gif
apache-tomcat-9.0.105/webapps/docs/images/tomcat.png
apache-tomcat-9.0.105/webapps/docs/images/update.gif
apache-tomcat-9.0.105/webapps/docs/images/void.gif
apache-tomcat-9.0.105/webapps/docs/index.html
apache-tomcat-9.0.105/webapps/docs/introduction.html
apache-tomcat-9.0.105/webapps/docs/jasper-howto.html
apache-tomcat-9.0.105/webapps/docs/jaspicapi/index.html
apache-tomcat-9.0.105/webapps/docs/jdbc-pool.html
apache-tomcat-9.0.105/webapps/docs/jndi-datasource-examples-howto.html
apache-tomcat-9.0.105/webapps/docs/jndi-resources-howto.html
apache-tomcat-9.0.105/webapps/docs/jspapi/index.html
apache-tomcat-9.0.105/webapps/docs/logging.html
apache-tomcat-9.0.105/webapps/docs/manager-howto.html

apache-tomcat-9.0.105/webapps/docs/maven-jars.html
apache-tomcat-9.0.105/webapps/docs/mbeans-descriptors-howto.html
apache-tomcat-9.0.105/webapps/docs/mbeans-descriptors.dtd
apache-tomcat-9.0.105/webapps/docs/monitoring.html
apache-tomcat-9.0.105/webapps/docs/proxy-howto.html
apache-tomcat-9.0.105/webapps/docs/realm-howto.html
apache-tomcat-9.0.105/webapps/docs/rewrite.html
apache-tomcat-9.0.105/webapps/docs/security-howto.html
apache-tomcat-9.0.105/webapps/docs/security-manager-howto.html
apache-tomcat-9.0.105/webapps/docs/servletapi/index.html
apache-tomcat-9.0.105/webapps/docs/setup.html
apache-tomcat-9.0.105/webapps/docs/ssi-howto.html
apache-tomcat-9.0.105/webapps/docs/ssl-howto.html
apache-tomcat-9.0.105/webapps/docs/tribes/developers.html
apache-tomcat-9.0.105/webapps/docs/tribes/faq.html
apache-tomcat-9.0.105/webapps/docs/tribes/interceptors.html
apache-tomcat-9.0.105/webapps/docs/tribes/introduction.html
apache-tomcat-9.0.105/webapps/docs/tribes/membership.html
apache-tomcat-9.0.105/webapps/docs/tribes/setup.html
apache-tomcat-9.0.105/webapps/docs/tribes/status.html
apache-tomcat-9.0.105/webapps/docs/tribes/transport.html
apache-tomcat-9.0.105/webapps/docs/virtual-hosting-howto.html
apache-tomcat-9.0.105/webapps/docs/web-socket-howto.html
apache-tomcat-9.0.105/webapps/docs/websocketapi/index.html
apache-tomcat-9.0.105/webapps/docs/windows-auth-howto.html
apache-tomcat-9.0.105/webapps/docs/windows-service-howto.html
apache-tomcat-9.0.105/webapps/examples/META-INF/context.xml
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/CookieExample.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/CookieExample.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/HelloWorldExample.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/HelloWorldExample.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings_cs.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings_de.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings_es.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings_fr.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings_ja.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings_ko.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings_pt.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings_pt_BR.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings_ru.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/LocalStrings_zh_CN.properties
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/RequestHeaderExample.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/RequestHeaderExample.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/RequestInfoExample.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/RequestInfoExample.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/RequestParamExample.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/RequestParamExample.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/ServletToJsp.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/ServletToJsp.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/SessionExample.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/SessionExample.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async0\$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async0.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async0.java

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apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async1$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async1.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async2$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async2.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async2.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async3.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Async3.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/AsyncStockContextListene
r.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/AsyncStockContextListene
r.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/AsyncStockServlet.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/AsyncStockServlet.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Stockticker$Stock.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Stockticker$TickListener
.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Stockticker.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/async/Stockticker.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/checkbox/CheckTest.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/checkbox/CheckTest.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/colors/ColorGameBean.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/colors/ColorGameBean.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/compressionFilters/Compression
Filter.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/compressionFilters/Compression
Filter.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/compressionFilters/Compression
FilterTestServlet.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/compressionFilters/Compression
FilterTestServlet.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/compressionFilters/Compression
ResponseStream.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/compressionFilters/Compression
ResponseStream.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/compressionFilters/Compression
ServletResponseWrapper.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/compressionFilters/Compression
ServletResponseWrapper.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/dates/JspCalendar.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/dates/JspCalendar.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/error/Smart.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/error/Smart.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/ExampleTagBase.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/ExampleTagBase.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/FooTag.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/FooTag.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/FooTagExtraInfo.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/FooTagExtraInfo.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/LogTag.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/LogTag.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/ValuesTag.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/examples/ValuesTag.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/filters/ExampleFilter.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/filters/ExampleFilter.java
```


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```
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/http2/SimpleImagePush.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/http2/SimpleImagePush.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/BookBean.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/BookBean.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/FooBean.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/FooBean.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/ValuesBean.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/ValuesBean.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/el/Functions.cl
ss
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/el/Functions.jav
a
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/EchoAt
tributesTag.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/EchoAt
tributesTag.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/FindBo
okSimpleTag.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/FindBo
okSimpleTag.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/Hellow
orldSimpleTag.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/Hellow
orldSimpleTag.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/Repeat
SimpleTag.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/Repeat
SimpleTag.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/Shuffl
eSimpleTag.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/Shuffl
eSimpleTag.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/TileSi
mpleTag.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/jsp2/examples/simpletag/TileSi
mpleTag.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/listeners/ContextListener.clas
s
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/listeners/ContextListener.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/listeners/SessionListener.clas
s
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/listeners/SessionListener.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/nonblocking/ByteCounter$1.clas
s
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/nonblocking/ByteCounter$Counte
rListener.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/nonblocking/ByteCounter.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/nonblocking/ByteCounter.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/nonblocking/NumberWriter$1.cla
ss
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/nonblocking/NumberWriter$Numbe
rWriterListener.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/nonblocking/NumberWriter.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/nonblocking/NumberWriter.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/num/NumberGuessBean.class
```

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```
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/num/NumberGuessBean.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/sessions/DummyCart.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/sessions/DummyCart.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/sessions/Item.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/sessions/Item.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/trailers/ResponseTrailers$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/trailers/ResponseTrailers$TrailerFieldSupplier.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/trailers/ResponseTrailers.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/trailers/ResponseTrailers.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/util/CookieFilter.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/util/CookieFilter.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/util/HTMLFilter.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/util/HTMLFilter.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/validators/DebugValidator.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/validators/DebugValidator.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/ExamplesConfig.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/ExamplesConfig.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/chat/ChatAnnotation.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/chat/ChatAnnotation.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/Client$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/Client.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/Client.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawMessage$ParseException.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawMessage.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawMessage.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawboardContextListener.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawboardContextListener.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawboardEndpoint$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawboardEndpoint$2.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawboardEndpoint$3$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawboardEndpoint$3.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawboardEndpoint.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/DrawboardEndpoint.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/Room$1$1.class
```

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```
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/Room$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/Room$2.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/Room$MessageType.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/Room$Player.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/Room.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/Room.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/wsmessages/AbstractWebsocketMessage.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/wsmessages/AbstractWebsocketMessage.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/wsmessages/BinaryWebsocketMessage.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/wsmessages/BinaryWebsocketMessage.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/wsmessages/CloseWebsocketMessage.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/wsmessages/CloseWebsocketMessage.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/wsmessages/StringWebsocketMessage.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/drawboard/wsmessages/StringWebsocketMessage.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoAnnotation.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoAnnotation.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoAsyncAnnotation$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoAsyncAnnotation$CompletedFuture.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoAsyncAnnotation.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoAsyncAnnotation.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoEndpoint$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoEndpoint$EchoMessageHandlerBinary.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoEndpoint$EchoMessageHandlerText.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoEndpoint.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoEndpoint.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoStreamAnnotation.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/EchoStreamAnnotation.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/echo/servers.json
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/Direction.class
```

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```
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/Direction.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/Location$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/Location.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/Location.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/Snake.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/Snake.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/SnakeAnnotation.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/SnakeAnnotation.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/SnakeTimer$1.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/SnakeTimer.class
apache-tomcat-9.0.105/webapps/examples/WEB-INF/classes/websocket/snake/SnakeTimer.java
apache-tomcat-9.0.105/webapps/examples/WEB-INF/jsp/403.jsp
apache-tomcat-9.0.105/webapps/examples/WEB-INF/jsp/403.jsp.html
apache-tomcat-9.0.105/webapps/examples/WEB-INF/jsp/debug-taglib.tld
apache-tomcat-9.0.105/webapps/examples/WEB-INF/jsp/example-taglib.tld
apache-tomcat-9.0.105/webapps/examples/WEB-INF/jsp/jsp2-example-taglib.tld
apache-tomcat-9.0.105/webapps/examples/WEB-INF/lib/taglibs-standard-impl-1.2.5.jar
apache-tomcat-9.0.105/webapps/examples/WEB-INF/lib/taglibs-standard-spec-1.2.5.jar
apache-tomcat-9.0.105/webapps/examples/WEB-INF/tags/displayProducts.tag
apache-tomcat-9.0.105/webapps/examples/WEB-INF/tags/helloWorld.tag
apache-tomcat-9.0.105/webapps/examples/WEB-INF/tags/panel.tag
apache-tomcat-9.0.105/webapps/examples/WEB-INF/web.xml
apache-tomcat-9.0.105/webapps/examples/index.html
apache-tomcat-9.0.105/webapps/examples/jsp/async/async1.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/async/async1.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/async/async3.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/async/async3.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/async/index.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/async/index.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/checkbox/CheckTest.html
apache-tomcat-9.0.105/webapps/examples/jsp/checkbox/check.html
apache-tomcat-9.0.105/webapps/examples/jsp/checkbox/checkresult.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/checkbox/checkresult.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/checkbox/cresult.html
apache-tomcat-9.0.105/webapps/examples/jsp/colors/ColorGameBean.html
apache-tomcat-9.0.105/webapps/examples/jsp/colors/cclr.html
apache-tomcat-9.0.105/webapps/examples/jsp/colors/colors.html
apache-tomcat-9.0.105/webapps/examples/jsp/colors/colrs.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/colors/colrs.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/dates/date.html
apache-tomcat-9.0.105/webapps/examples/jsp/dates/date.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/dates/date.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/error/er.html
apache-tomcat-9.0.105/webapps/examples/jsp/error/err.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/error/err.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/error/error.html
apache-tomcat-9.0.105/webapps/examples/jsp/error/errorpge.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/error/errorpge.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/forward/forward.jsp
```

```
apache-tomcat-9.0.105/webapps/examples/jsp/forward/forward.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/forward/fwd.html
apache-tomcat-9.0.105/webapps/examples/jsp/forward/one.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/forward/one.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/forward/two.html
apache-tomcat-9.0.105/webapps/examples/jsp/images/code.gif
apache-tomcat-9.0.105/webapps/examples/jsp/images/execute.gif
apache-tomcat-9.0.105/webapps/examples/jsp/images/return.gif
apache-tomcat-9.0.105/webapps/examples/jsp/include/foo.html
apache-tomcat-9.0.105/webapps/examples/jsp/include/foo.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/include/foo.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/include/inc.html
apache-tomcat-9.0.105/webapps/examples/jsp/include/include.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/include/include.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/index.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/Functions.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/ValuesBean.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/ValuesTag.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/basic-arithmetic.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/basic-arithmetic.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/basic-arithmetic.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/basic-comparisons.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/basic-comparisons.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/basic-comparisons.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/composite.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/composite.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/composite.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/functions.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/functions.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/functions.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/implicit-objects.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/implicit-objects.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/el/implicit-objects.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/FooBean.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/HelloWorldSimpleTag.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/ShuffleSimpleTag.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/TileSimpleTag.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/jspattribute.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/jspattribute.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/jspattribute.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/shuffle.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/shuffle.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jspattribute/shuffle.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jsp/jsp/basic.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jsp/basic.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jsp/basic.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jsp/svgexample.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jsp/textRotate.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jsp/textRotate.jpg
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jsp/textRotate.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/jsp/textRotate.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/EchoAttributesTag.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/coda.jspf
```

apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/coda.jspf.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/config.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/config.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/config.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/dynamicattrs.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/dynamicattrs.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/dynamicattrs.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/prelude.jspf
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/misc/prelude.jspf.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/BookBean.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/FindBookSimpleTag.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/Functions.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/HelloWorldSimpleTag.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/RepeatSimpleTag.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/book.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/book.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/book.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/hello.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/hello.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/hello.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/repeat.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/repeat.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlettag/repeat.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/displayProducts.tag.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/hello.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/hello.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/hello.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/helloWorld.tag.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/panel.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/panel.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/panel.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/panel.tag.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/products.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/products.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/tagfiles/products.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlet/ServletToJsp.java.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlet/hello.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlet/hello.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlet/jsp2servlet.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlet/jsp2servlet.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/jsp2/servlet/jts.html
apache-tomcat-9.0.105/webapps/examples/jsp/num/numguess.html
apache-tomcat-9.0.105/webapps/examples/jsp/num/numguess.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/num/numguess.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/security/protected/error.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/security/protected/error.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/security/protected/index.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/security/protected/index.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/security/protected/login.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/security/protected/login.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/sessions/DummyCart.html
apache-tomcat-9.0.105/webapps/examples/jsp/sessions/carts.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/sessions/carts.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/sessions/crt.html

apache-tomcat-9.0.105/webapps/examples/jsp/sessions/shopping.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/sessions/shopping.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/simpletag/foo.html
apache-tomcat-9.0.105/webapps/examples/jsp/simpletag/foo.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/simpletag/foo.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/snp/snoop.html
apache-tomcat-9.0.105/webapps/examples/jsp/snp/snoop.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/snp/snoop.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/choose.html
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/choose.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/choose.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/foreach.html
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/foreach.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/foreach.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/howto.html
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/if.html
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/if.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/if.jsp.html
apache-tomcat-9.0.105/webapps/examples/jsp/tagplugin/notes.html
apache-tomcat-9.0.105/webapps/examples/jsp/xml/xml.html
apache-tomcat-9.0.105/webapps/examples/jsp/xml/xml.jsp
apache-tomcat-9.0.105/webapps/examples/jsp/xml/xml.jsp.html
apache-tomcat-9.0.105/webapps/examples/servlets/cookies.html
apache-tomcat-9.0.105/webapps/examples/servlets/helloWorld.html
apache-tomcat-9.0.105/webapps/examples/servlets/images/code.gif
apache-tomcat-9.0.105/webapps/examples/servlets/images/execute.gif
apache-tomcat-9.0.105/webapps/examples/servlets/images/return.gif
apache-tomcat-9.0.105/webapps/examples/servlets/index.html
apache-tomcat-9.0.105/webapps/examples/servlets/nonblocking/byteCounter.html
apache-tomcat-9.0.105/webapps/examples/servlets/reqheaders.html
apache-tomcat-9.0.105/webapps/examples/servlets/reqinfo.html
apache-tomcat-9.0.105/webapps/examples/servlets/reqparams.html
apache-tomcat-9.0.105/webapps/examples/servlets/sessions.html
apache-tomcat-9.0.105/webapps/examples/websocket/chat.xhtml
apache-tomcat-9.0.105/webapps/examples/websocket/drawboard.xhtml
apache-tomcat-9.0.105/webapps/examples/websocket/echo.xhtml
apache-tomcat-9.0.105/webapps/examples/websocket/index.xhtml
apache-tomcat-9.0.105/webapps/examples/websocket/snake.xhtml
apache-tomcat-9.0.105/webapps/host-manager/META-INF/context.xml
apache-tomcat-9.0.105/webapps/host-manager/WEB-INF/jsp/401.jsp
apache-tomcat-9.0.105/webapps/host-manager/WEB-INF/jsp/403.jsp
apache-tomcat-9.0.105/webapps/host-manager/WEB-INF/jsp/404.jsp
apache-tomcat-9.0.105/webapps/host-manager/WEB-INF/manager.xml
apache-tomcat-9.0.105/webapps/host-manager/WEB-INF/web.xml
apache-tomcat-9.0.105/webapps/host-manager/css/manager.css
apache-tomcat-9.0.105/webapps/host-manager/images/asf-logo.svg
apache-tomcat-9.0.105/webapps/host-manager/images/tomcat.svg
apache-tomcat-9.0.105/webapps/host-manager/index.jsp
apache-tomcat-9.0.105/webapps/manager/META-INF/context.xml
apache-tomcat-9.0.105/webapps/manager/WEB-INF/jsp/401.jsp
apache-tomcat-9.0.105/webapps/manager/WEB-INF/jsp/403.jsp
apache-tomcat-9.0.105/webapps/manager/WEB-INF/jsp/404.jsp
apache-tomcat-9.0.105/webapps/manager/WEB-INF/jsp/connectorCerts.jsp
apache-tomcat-9.0.105/webapps/manager/WEB-INF/jsp/connectorCiphers.jsp
apache-tomcat-9.0.105/webapps/manager/WEB-INF/jsp/connectorTrustedCerts.jsp

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```
apache-tomcat-9.0.105/webapps/manager/WEB-INF/jsp/sessionDetail.jsp
apache-tomcat-9.0.105/webapps/manager/WEB-INF/jsp/sessionsList.jsp
apache-tomcat-9.0.105/webapps/manager/WEB-INF/web.xml
apache-tomcat-9.0.105/webapps/manager/css/manager.css
apache-tomcat-9.0.105/webapps/manager/images/asf-logo.svg
apache-tomcat-9.0.105/webapps/manager/images/tomcat.svg
apache-tomcat-9.0.105/webapps/manager/index.jsp
apache-tomcat-9.0.105/webapps/manager/status.xsd
apache-tomcat-9.0.105/webapps/manager/xform.xsl
apache-tomcat-9.0.105/bin/catalina.sh
apache-tomcat-9.0.105/bin/ciphers.sh
apache-tomcat-9.0.105/bin/configtest.sh
apache-tomcat-9.0.105/bin/daemon.sh
apache-tomcat-9.0.105/bin/digest.sh
apache-tomcat-9.0.105/bin/makebase.sh
apache-tomcat-9.0.105/bin/setclasspath.sh
apache-tomcat-9.0.105/bin/shutdown.sh
apache-tomcat-9.0.105/bin/startup.sh
apache-tomcat-9.0.105/bin/tool-wrapper.sh
apache-tomcat-9.0.105/bin/version.sh
[root@ip-172-31-6-5 ~]# ls
apache-tomcat-9.0.105  apache-tomcat-9.0.105.tar.gz
[root@ip-172-31-6-5 ~]# cd apache-tomcat-9.0.105/
[root@ip-172-31-6-5 apache-tomcat-9.0.105]# ls
bin  BUILDING.txt  conf  CONTRIBUTING.md  lib  LICENSE  logs  NOTICE  README.md
RELEASE-NOTES  RUNNING.txt  temp  webapps  work
[root@ip-172-31-6-5 apache-tomcat-9.0.105]# cd bin/
[root@ip-172-31-6-5 bin]# sh startup.sh
Using CATALINA_BASE:   /root/apache-tomcat-9.0.105
Using CATALINA_HOME:   /root/apache-tomcat-9.0.105
Using CATALINA_TMPDIR: /root/apache-tomcat-9.0.105/temp
Using JRE_HOME:        /usr
Using CLASSPATH:
/root/apache-tomcat-9.0.105/bin/bootstrap.jar:/root/apache-tomcat-9.0.105/bin/tomcat-
juli.jar
Using CATALINA_OPTS:
Tomcat started.
[root@ip-172-31-6-5 apache-tomcat-9.0.105]# cd webapps/
[root@ip-172-31-6-5 webapps]# ls
docs  examples  host-manager  manager  ROOT
[root@ip-172-31-6-5 webapps]# cd manager/
[root@ip-172-31-6-5 manager]# ls
css  images  index.jsp  META-INF  status.xsd  WEB-INF  xform.xsl
[root@ip-172-31-6-5 manager]# cd META-INF/
[root@ip-172-31-6-5 META-INF]# ls
context.xml
[root@ip-172-31-6-5 META-INF]# vi context.xml

Edit the allow tag -----> ".*" />
Or
Edit the allow tag -----> "<EC2_IP_Address" />

[root@ip-172-31-6-5 META-INF]# ls
context.xml
```



```
[root@ip-172-31-6-5 META-INF]# cd ..
[root@ip-172-31-6-5 manager]# cd ..
[root@ip-172-31-6-5 webapps]# cd ..
[root@ip-172-31-6-5 apache-tomcat-9.0.105]# cd conf
[root@ip-172-31-6-5 conf]# ls
Catalina          catalina.properties  jaspic-providers.xml  logging.properties
tomcat-users.xml  web.xml
catalina.policy   context.xml          jaspic-providers.xsd  server.xml
tomcat-users.xsd
[root@ip-172-31-6-5 conf]# vi tomcat-users.xml
```

we need to edit the tomcat-users.xml to configure the users. Paste the below lines at the last and place in the same order

```
<role rolename="manager-gui" />
<user username="tomcat" password="tomcat" roles="manager-gui" />
<role rolename="admin-gui" />
<user username="admin" password="admin" roles="manager-gui,admin-gui"/>
```

MAVEN Installation:

```
[root@ip-172-31-6-5 ~]# sudo yum install maven -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core
| 3.6 kB  00:00:00
Resolving Dependencies
--> Running transaction check
---> Package maven.noarch 0:3.0.5-17.amzn2 will be installed
--> Processing Dependency: java >= 1.5 for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: aether-api for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: aether-connector-wagon for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: aether-impl for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: aether-spi for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: aether-util for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: aopalliance for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: apache-commons-cli for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: apache-commons-codec for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: apache-commons-logging for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: atinject for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: cglib for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: google-guice for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: guava for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: httpcomponents-client for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: httpcomponents-core for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: java-devel for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: maven-wagon for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(commons-cli:commons-cli) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.apache.maven.wagon:wagon-provider-api) for package:
maven-3.0.5-17.amzn2.noarch
```

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```
--> Processing Dependency: mvn(org.codehaus.plexus:plexus-classworlds) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.codehaus.plexus:plexus-component-annotations) for
package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.codehaus.plexus:plexus-container-default) for
package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.codehaus.plexus:plexus-interpolation) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.codehaus.plexus:plexus-utils) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.sonatype.aether:aether-api) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.sonatype.aether:aether-impl) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.sonatype.aether:aether-spi) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.sonatype.aether:aether-util) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.sonatype.plexus:plexus-cipher) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.sonatype.plexus:plexus-sec-dispatcher) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: mvn(org.sonatype.sisu:sisu-inject-plexus) for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: objectweb-asm for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: plexus-cipher for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: plexus-containers-component-annotations for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: plexus-interpolation for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: plexus-sec-dispatcher for package:
maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: plexus-utils for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: sisu-inject-bean for package: maven-3.0.5-17.amzn2.noarch
--> Processing Dependency: sisu-inject-plexus for package: maven-3.0.5-17.amzn2.noarch
--> Running transaction check
---> Package aether-api.noarch 0:1.13.1-13.amzn2 will be installed
---> Package aether-connector-wagon.noarch 0:1.13.1-13.amzn2 will be installed
---> Package aether-impl.noarch 0:1.13.1-13.amzn2 will be installed
---> Package aether-spi.noarch 0:1.13.1-13.amzn2 will be installed
---> Package aether-util.noarch 0:1.13.1-13.amzn2 will be installed
---> Package aopalliance.noarch 0:1.0-8.1.amzn2 will be installed
---> Package apache-commons-cli.noarch 0:1.2-13.amzn2 will be installed
---> Package apache-commons-codec.noarch 0:1.8-7.amzn2 will be installed
---> Package apache-commons-logging.noarch 0:1.1.2-7.amzn2 will be installed
--> Processing Dependency: mvn(avalon-framework:avalon-framework-api) for package:
apache-commons-logging-1.1.2-7.amzn2.noarch
--> Processing Dependency: mvn(log4j:log4j) for package:
apache-commons-logging-1.1.2-7.amzn2.noarch
--> Processing Dependency: mvn(logkit:logkit) for package:
apache-commons-logging-1.1.2-7.amzn2.noarch
---> Package atinject.noarch 0:1-13.20100611svn86.amzn2 will be installed
---> Package cglib.noarch 0:2.2-18.1.amzn2 will be installed
---> Package google-guice.noarch 0:3.1.3-9.amzn2 will be installed
--> Processing Dependency: mvn(org.slf4j:slf4j-api) for package:
google-guice-3.1.3-9.amzn2.noarch
```

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```
--> Package guava.noarch 0:13.0-6.amzn2 will be installed
--> Package httpcomponents-client.noarch 0:4.2.5-5.amzn2.0.1 will be installed
--> Package httpcomponents-core.noarch 0:4.2.4-6.amzn2 will be installed
--> Package java-17-amazon-corretto.x86_64 1:17.0.15+6-1.amzn2.1 will be installed
--> Processing Dependency: java-17-amazon-corretto-headless(x86-64) =
1:17.0.15+6-1.amzn2.1 for package:
1:java-17-amazon-corretto-17.0.15+6-1.amzn2.1.x86_64
--> Processing Dependency: libXinerama for package:
1:java-17-amazon-corretto-17.0.15+6-1.amzn2.1.x86_64
--> Processing Dependency: libXt for package:
1:java-17-amazon-corretto-17.0.15+6-1.amzn2.1.x86_64
--> Processing Dependency: libXrandr for package:
1:java-17-amazon-corretto-17.0.15+6-1.amzn2.1.x86_64
--> Package java-17-amazon-corretto-devel.x86_64 1:17.0.15+6-1.amzn2.1 will be
installed
--> Package maven-wagon.noarch 0:2.4-3.amzn2 will be installed
--> Processing Dependency: mvn(com.jcraft:jsch) for package:
maven-wagon-2.4-3.amzn2.noarch
--> Processing Dependency: mvn(commons-httpclient:commons-httpclient) for package:
maven-wagon-2.4-3.amzn2.noarch
--> Processing Dependency: mvn(commons-io:commons-io) for package:
maven-wagon-2.4-3.amzn2.noarch
--> Processing Dependency: mvn(commons-lang:commons-lang) for package:
maven-wagon-2.4-3.amzn2.noarch
--> Processing Dependency: mvn(commons-net:commons-net) for package:
maven-wagon-2.4-3.amzn2.noarch
--> Processing Dependency: mvn(nekohtml:nekohtml) for package:
maven-wagon-2.4-3.amzn2.noarch
--> Processing Dependency: mvn(org.codehaus.plexus:plexus-interactivity-api) for
package: maven-wagon-2.4-3.amzn2.noarch
--> Processing Dependency: mvn(org.jsoup:jsoup) for package:
maven-wagon-2.4-3.amzn2.noarch
--> Processing Dependency: mvn(xerces:xercesImpl) for package:
maven-wagon-2.4-3.amzn2.noarch
--> Package objectweb-asm.noarch 0:3.3.1-9.amzn2 will be installed
--> Processing Dependency: xml-commons-jaxp-1.3-apis for package:
objectweb-asm-3.3.1-9.amzn2.noarch
--> Package plexus-cipher.noarch 0:1.7-5.amzn2 will be installed
--> Package plexus-classworlds.noarch 0:2.4.2-8.amzn2 will be installed
--> Package plexus-containers-component-annotations.noarch 0:1.5.5-14.amzn2 will be
installed
--> Package plexus-containers-container-default.noarch 0:1.5.5-14.amzn2 will be
installed
--> Processing Dependency: mvn(junit:junit) for package:
plexus-containers-container-default-1.5.5-14.amzn2.noarch
--> Processing Dependency: mvn(org.apache.xbean:xbean-reflect) for package:
plexus-containers-container-default-1.5.5-14.amzn2.noarch
--> Package plexus-interpolation.noarch 0:1.15-8.amzn2 will be installed
--> Package plexus-sec-dispatcher.noarch 0:1.4-13.amzn2 will be installed
--> Package plexus-utils.noarch 0:3.0.9-9.amzn2 will be installed
--> Package sisu-inject-bean.noarch 0:2.3.0-11.amzn2 will be installed
--> Processing Dependency: mvn(javax.enterprise:cdi-api) for package:
sisu-inject-bean-2.3.0-11.amzn2.noarch
--> Package sisu-inject-plexus.noarch 0:2.3.0-11.amzn2 will be installed
--> Running transaction check
```


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```
--> Package apache-commons-io.noarch 1:2.4-12.amzn2.0.1 will be installed
--> Package apache-commons-lang.noarch 0:2.6-15.amzn2 will be installed
--> Package apache-commons-net.noarch 0:3.2-8.amzn2 will be installed
--> Package avalon-framework.noarch 0:4.3-10.1.amzn2 will be installed
--> Processing Dependency: xalan-j2 for package: avalon-framework-4.3-10.1.amzn2.noarch
--> Package avalon-logkit.noarch 0:2.1-14.1.amzn2 will be installed
--> Processing Dependency: jms for package: avalon-logkit-2.1-14.1.amzn2.noarch
--> Processing Dependency: tomcat-servlet-3.0-api for package:
avalon-logkit-2.1-14.1.amzn2.noarch
--> Package cdi-api.noarch 0:1.0-11.SP4.amzn2 will be installed
--> Processing Dependency: geronimo-annotation for package:
cdi-api-1.0-11.SP4.amzn2.noarch
--> Processing Dependency: jboss-ejb-3.1-api for package:
cdi-api-1.0-11.SP4.amzn2.noarch
--> Processing Dependency: jboss-el-2.2-api for package: cdi-api-1.0-11.SP4.amzn2.noarch
--> Processing Dependency: jboss-interceptors-1.1-api for package:
cdi-api-1.0-11.SP4.amzn2.noarch
--> Package jakarta-commons-httpclient.noarch 1:3.1-16.amzn2 will be installed
--> Package java-17-amazon-corretto-headless.x86_64 1:17.0.15+6-1.amzn2.1 will be
installed
--> Processing Dependency: dejavu-serif-fonts for package:
1:java-17-amazon-corretto-headless-17.0.15+6-1.amzn2.1.x86_64
--> Processing Dependency: dejavu-sans-mono-fonts for package:
1:java-17-amazon-corretto-headless-17.0.15+6-1.amzn2.1.x86_64
--> Package jsch.noarch 0:0.1.50-5.amzn2 will be installed
--> Processing Dependency: jzlib >= 1.0.5 for package: jsch-0.1.50-5.amzn2.noarch
--> Package jsoup.noarch 0:1.16.1-4.amzn2.0.1 will be installed
--> Package junit.noarch 0:4.11-8.1.amzn2.0.1 will be installed
--> Processing Dependency: hamcrest for package: junit-4.11-8.1.amzn2.0.1.noarch
--> Processing Dependency: osgi(org.hamcrest.core) for package:
junit-4.11-8.1.amzn2.0.1.noarch
--> Package libXinerama.x86_64 0:1.1.3-2.1.amzn2.0.2 will be installed
--> Package libXrandr.x86_64 0:1.5.1-2.amzn2.0.3 will be installed
--> Package libXt.x86_64 0:1.1.5-3.amzn2.0.2 will be installed
--> Package log4j.noarch 0:1.2.17-18.amzn2 will be installed
--> Processing Dependency: mvn(javax.mail:mail) for package:
log4j-1.2.17-18.amzn2.noarch
--> Package nekohtml.noarch 0:1.9.14-13.amzn2 will be installed
--> Processing Dependency: bcel for package: nekohtml-1.9.14-13.amzn2.noarch
--> Package plexus-interactivity.noarch 0:1.0-0.14.alpha6.amzn2 will be installed
--> Processing Dependency: mvn(jline:jline) for package:
plexus-interactivity-1.0-0.14.alpha6.amzn2.noarch
--> Processing Dependency: mvn(org.codehaus.plexus:plexus-component-api) for package:
plexus-interactivity-1.0-0.14.alpha6.amzn2.noarch
--> Package slf4j.noarch 0:1.7.4-4.amzn2 will be installed
--> Processing Dependency: mvn(ch.qos.cal10n:cal10n-api) for package:
slf4j-1.7.4-4.amzn2.noarch
--> Processing Dependency: mvn(javassist:javassist) for package:
slf4j-1.7.4-4.amzn2.noarch
--> Package xbean.noarch 0:3.13-6.amzn2 will be installed
--> Processing Dependency: mvn(org.apache.felix:org.apache.felix.framework) for
package: xbean-3.13-6.amzn2.noarch
--> Package xerces-j2.noarch 0:2.11.0-17.amzn2.0.2 will be installed
--> Processing Dependency: xml-commons-resolver >= 1.2 for package:
xerces-j2-2.11.0-17.amzn2.0.2.noarch
```

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
--> Processing Dependency: osgi(org.apache.xml.resolver) for package:
xerces-j2-2.11.0-17.amzn2.0.2.noarch
---> Package xml-commons-apis.noarch 0:1.4.01-16.amzn2 will be installed
--> Running transaction check
---> Package bcel.noarch 0:5.2-18.amzn2.0.1 will be installed
--> Processing Dependency: mvn(regex:regex) for package: bcel-5.2-18.amzn2.0.1.noarch
---> Package cal10n.noarch 0:0.7.7-4.amzn2 will be installed
---> Package dejavu-sans-mono-fonts.noarch 0:2.33-6.amzn2 will be installed
---> Package dejavu-serif-fonts.noarch 0:2.33-6.amzn2 will be installed
---> Package felix-framework.noarch 0:4.2.1-5.amzn2 will be installed
---> Package geronimo-annotation.noarch 0:1.0-15.amzn2 will be installed
---> Package geronimo-jms.noarch 0:1.1.1-19.amzn2 will be installed
---> Package hamcrest.noarch 0:1.3-6.1.amzn2 will be installed
--> Processing Dependency: easymock2 for package: hamcrest-1.3-6.1.amzn2.noarch
--> Processing Dependency: qdox for package: hamcrest-1.3-6.1.amzn2.noarch
---> Package javamail.noarch 0:1.4.6-8.amzn2 will be installed
---> Package javassist.noarch 0:3.16.1-10.amzn2 will be installed
---> Package jboss-ejb-3.1-api.noarch 0:1.0.2-10.amzn2 will be installed
--> Processing Dependency: jboss-jaxrpc-1.1-api for package:
jboss-ejb-3.1-api-1.0.2-10.amzn2.noarch
--> Processing Dependency: jboss-transaction-1.1-api for package:
jboss-ejb-3.1-api-1.0.2-10.amzn2.noarch
---> Package jboss-el-2.2-api.noarch 0:1.0.1-0.7.20120212git2fabd8.amzn2 will be
installed
---> Package jboss-interceptors-1.1-api.noarch 0:1.0.2-0.9.20120319git49a904.amzn2 will
be installed
---> Package jline.noarch 0:1.0-8.amzn2 will be installed
---> Package jzlib.noarch 0:1.1.1-6.amzn2 will be installed
---> Package plexus-component-api.noarch 0:1.0-0.16.alpha15.amzn2 will be installed
---> Package tomcat-servlet-3.0-api.noarch 0:7.0.76-10.amzn2.0.11 will be installed
---> Package xalan-j2.noarch 0:2.7.1-23.1.amzn2 will be installed
---> Package xml-commons-resolver.noarch 0:1.2-15.amzn2 will be installed
--> Running transaction check
---> Package easymock2.noarch 0:2.5.2-12.1.amzn2 will be installed
---> Package jboss-jaxrpc-1.1-api.noarch 0:1.0.1-7.amzn2 will be installed
--> Processing Dependency: jboss-servlet-3.0-api for package:
jboss-jaxrpc-1.1-api-1.0.1-7.amzn2.noarch
---> Package jboss-transaction-1.1-api.noarch 0:1.0.1-8.amzn2 will be installed
---> Package qdox.noarch 0:1.12.1-10.amzn2 will be installed
---> Package regex.noarch 0:1.5-13.amzn2 will be installed
--> Running transaction check
---> Package jboss-servlet-3.0-api.noarch 0:1.0.1-9.amzn2 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
=====
Package                               Arch                               Version
Repository                             Size
=====
Installing:
  maven                                noarch
3.0.5-17.amzn2                         amzn2-core                         1.3 M
=====
```

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

Installing for dependencies:

aether-api	noarch	
1.13.1-13.amzn2	amzn2-core	89 k
aether-connector-wagon	noarch	
1.13.1-13.amzn2	amzn2-core	34 k
aether-impl	noarch	
1.13.1-13.amzn2	amzn2-core	124 k
aether-spi	noarch	
1.13.1-13.amzn2	amzn2-core	19 k
aether-util	noarch	
1.13.1-13.amzn2	amzn2-core	119 k
aopalliance	noarch	
1.0-8.1.amzn2	amzn2-core	11 k
apache-commons-cli	noarch	
1.2-13.amzn2	amzn2-core	51 k
apache-commons-codec	noarch	
1.8-7.amzn2	amzn2-core	223 k
apache-commons-io	noarch	
1:2.4-12.amzn2.0.1	amzn2-core	190 k
apache-commons-lang	noarch	
2.6-15.amzn2	amzn2-core	276 k
apache-commons-logging	noarch	
1.1.2-7.amzn2	amzn2-core	78 k
apache-commons-net	noarch	
3.2-8.amzn2	amzn2-core	261 k
atinject	noarch	
1-13.20100611svn86.amzn2	amzn2-core	13 k
avalon-framework	noarch	
4.3-10.1.amzn2	amzn2-core	87 k
avalon-logkit	noarch	
2.1-14.1.amzn2	amzn2-core	87 k
bcel	noarch	
5.2-18.amzn2.0.1	amzn2-core	485 k
cal10n	noarch	
0.7.7-4.amzn2	amzn2-core	36 k
cdi-api	noarch	
1.0-11.SP4.amzn2	amzn2-core	41 k
cglib	noarch	
2.2-18.1.amzn2	amzn2-core	255 k
dejavu-sans-mono-fonts	noarch	
2.33-6.amzn2	amzn2-core	433 k
dejavu-serif-fonts	noarch	
2.33-6.amzn2	amzn2-core	777 k
easymock2	noarch	
2.5.2-12.1.amzn2	amzn2-core	92 k
felix-framework	noarch	
4.2.1-5.amzn2	amzn2-core	481 k
geronimo-annotation	noarch	
1.0-15.amzn2	amzn2-core	24 k
geronimo-jms	noarch	
1.1.1-19.amzn2	amzn2-core	31 k
google-guice	noarch	
3.1.3-9.amzn2	amzn2-core	384 k
guava	noarch	
13.0-6.amzn2	amzn2-core	1.6 M

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Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

hamcrest	noarch	
1.3-6.1.amzn2	amzn2-core	124 k
httpcomponents-client	noarch	
4.2.5-5.amzn2.0.1	amzn2-core	425 k
httpcomponents-core	noarch	
4.2.4-6.amzn2	amzn2-core	465 k
jakarta-commons-httpclient	noarch	
1:3.1-16.amzn2	amzn2-core	241 k
java-17-amazon-corretto	x86_64	
1:17.0.15+6-1.amzn2.1	amzn2-core	199 k
java-17-amazon-corretto-devel	x86_64	
1:17.0.15+6-1.amzn2.1	amzn2-core	146 k
java-17-amazon-corretto-headless	x86_64	
1:17.0.15+6-1.amzn2.1	amzn2-core	94 M
javamail	noarch	
1.4.6-8.amzn2	amzn2-core	757 k
javassist	noarch	
3.16.1-10.amzn2	amzn2-core	627 k
jboss-ejb-3.1-api	noarch	
1.0.2-10.amzn2	amzn2-core	54 k
jboss-el-2.2-api	noarch	
1.0.1-0.7.20120212git2fabd8.amzn2	amzn2-core	44 k
jboss-interceptors-1.1-api	noarch	
1.0.2-0.9.20120319git49a904.amzn2	amzn2-core	27 k
jboss-jaxrpc-1.1-api	noarch	
1.0.1-7.amzn2	amzn2-core	44 k
jboss-servlet-3.0-api	noarch	
1.0.1-9.amzn2	amzn2-core	82 k
jboss-transaction-1.1-api	noarch	
1.0.1-8.amzn2	amzn2-core	40 k
jline	noarch	
1.0-8.amzn2	amzn2-core	69 k
jsch	noarch	
0.1.50-5.amzn2	amzn2-core	239 k
jsoup	noarch	
1.16.1-4.amzn2.0.1	amzn2-core	440 k
junit	noarch	
4.11-8.1.amzn2.0.1	amzn2-core	261 k
jzlib	noarch	
1.1.1-6.amzn2	amzn2-core	72 k
libXinerama	x86_64	
1.1.3-2.1.amzn2.0.2	amzn2-core	14 k
libXrandr	x86_64	
1.5.1-2.amzn2.0.3	amzn2-core	27 k
libXt	x86_64	
1.1.5-3.amzn2.0.2	amzn2-core	177 k
log4j	noarch	
1.2.17-18.amzn2	amzn2-core	446 k
maven-wagon	noarch	
2.4-3.amzn2	amzn2-core	187 k
nekohtml	noarch	
1.9.14-13.amzn2	amzn2-core	152 k
objectweb-asm	noarch	
3.3.1-9.amzn2	amzn2-core	197 k
plexus-cipher	noarch	

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1.7-5.amzn2	amzn2-core	23 k
plexus-classworlds	noarch	
2.4.2-8.amzn2	amzn2-core	54 k
plexus-component-api	noarch	
1.0-0.16.alpha15.amzn2	amzn2-core	27 k
plexus-containers-component-annotations	noarch	
1.5.5-14.amzn2	amzn2-core	11 k
plexus-containers-container-default	noarch	
1.5.5-14.amzn2	amzn2-core	183 k
plexus-interactivity	noarch	
1.0-0.14.alpha6.amzn2	amzn2-core	18 k
plexus-interpolation	noarch	
1.15-8.amzn2	amzn2-core	57 k
plexus-sec-dispatcher	noarch	
1.4-13.amzn2	amzn2-core	29 k
plexus-utils	noarch	
3.0.9-9.amzn2	amzn2-core	225 k
qdox	noarch	
1.12.1-10.amzn2	amzn2-core	170 k
regex	noarch	
1.5-13.amzn2	amzn2-core	47 k
sisu-inject-bean	noarch	
2.3.0-11.amzn2	amzn2-core	181 k
sisu-inject-plexus	noarch	
2.3.0-11.amzn2	amzn2-core	179 k
slf4j	noarch	
1.7.4-4.amzn2	amzn2-core	170 k
tomcat-servlet-3.0-api	noarch	
7.0.76-10.amzn2.0.11	amzn2-core	214 k
xalan-j2	noarch	
2.7.1-23.1.amzn2	amzn2-core	1.9 M
xbean	noarch	
3.13-6.amzn2	amzn2-core	376 k
xerces-j2	noarch	
2.11.0-17.amzn2.0.2	amzn2-core	1.2 M
xml-commons-apis	noarch	
1.4.01-16.amzn2	amzn2-core	227 k
xml-commons-resolver	noarch	
1.2-15.amzn2	amzn2-core	108 k

Transaction Summary

=====

Install 1 Package (+74 Dependent packages)

Total download size: 112 M

Installed size: 263 M

Downloading packages:

(1/75): aether-connector-wagon-1.13.1-13.amzn2.noarch.rpm

| 34 kB 00:00:00

(2/75): aether-api-1.13.1-13.amzn2.noarch.rpm

| 89 kB 00:00:00

(3/75): aether-spi-1.13.1-13.amzn2.noarch.rpm

| 19 kB 00:00:00

(4/75): aether-impl-1.13.1-13.amzn2.noarch.rpm

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
| 124 kB  00:00:00
(5/75): aopalliance-1.0-8.1.amzn2.noarch.rpm
| 11 kB  00:00:00
(6/75): apache-commons-cli-1.2-13.amzn2.noarch.rpm
| 51 kB  00:00:00
(7/75): aether-util-1.13.1-13.amzn2.noarch.rpm
| 119 kB  00:00:00
(8/75): apache-commons-codec-1.8-7.amzn2.noarch.rpm
| 223 kB  00:00:00
(9/75): apache-commons-lang-2.6-15.amzn2.noarch.rpm
| 276 kB  00:00:00
(10/75): apache-commons-logging-1.1.2-7.amzn2.noarch.rpm
| 78 kB  00:00:00
(11/75): apache-commons-io-2.4-12.amzn2.0.1.noarch.rpm
| 190 kB  00:00:00
(12/75): atinject-1-13.20100611svn86.amzn2.noarch.rpm
| 13 kB  00:00:00
(13/75): avalon-framework-4.3-10.1.amzn2.noarch.rpm
| 87 kB  00:00:00
(14/75): apache-commons-net-3.2-8.amzn2.noarch.rpm
| 261 kB  00:00:00
(15/75): avalon-logkit-2.1-14.1.amzn2.noarch.rpm
| 87 kB  00:00:00
(16/75): call0n-0.7.7-4.amzn2.noarch.rpm
| 36 kB  00:00:00
(17/75): cdi-api-1.0-11.SP4.amzn2.noarch.rpm
| 41 kB  00:00:00
(18/75): bcel-5.2-18.amzn2.0.1.noarch.rpm
| 485 kB  00:00:00
(19/75): dejavu-sans-mono-fonts-2.33-6.amzn2.noarch.rpm
| 433 kB  00:00:00
(20/75): dejavu-serif-fonts-2.33-6.amzn2.noarch.rpm
| 777 kB  00:00:00
(21/75): cglib-2.2-18.1.amzn2.noarch.rpm
| 255 kB  00:00:00
(22/75): easymock2-2.5.2-12.1.amzn2.noarch.rpm
| 92 kB  00:00:00
(23/75): felix-framework-4.2.1-5.amzn2.noarch.rpm
| 481 kB  00:00:00
(24/75): geronimo-annotation-1.0-15.amzn2.noarch.rpm
| 24 kB  00:00:00
(25/75): geronimo-jms-1.1.1-19.amzn2.noarch.rpm
| 31 kB  00:00:00
(26/75): google-guice-3.1.3-9.amzn2.noarch.rpm
| 384 kB  00:00:00
(27/75): guava-13.0-6.amzn2.noarch.rpm
| 1.6 MB  00:00:00
(28/75): hamcrest-1.3-6.1.amzn2.noarch.rpm
| 124 kB  00:00:00
(29/75): httpcomponents-client-4.2.5-5.amzn2.0.1.noarch.rpm
| 425 kB  00:00:00
(30/75): httpcomponents-core-4.2.4-6.amzn2.noarch.rpm
| 465 kB  00:00:00
(31/75): java-17-amazon-corretto-17.0.15+6-1.amzn2.1.x86_64.rpm
| 199 kB  00:00:00
```

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
(32/75): jakarta-commons-httpclient-3.1-16.amzn2.noarch.rpm
| 241 kB  00:00:00
(33/75): java-17-amazon-corretto-devel-17.0.15+6-1.amzn2.1.x86_64.rpm
| 146 kB  00:00:00
(34/75): javamail-1.4.6-8.amzn2.noarch.rpm
| 757 kB  00:00:00
(35/75): javassist-3.16.1-10.amzn2.noarch.rpm
| 627 kB  00:00:00
(36/75): jboss-ejb-3.1-api-1.0.2-10.amzn2.noarch.rpm
| 54 kB  00:00:00
(37/75): jboss-el-2.2-api-1.0.1-0.7.20120212git2fabd8.amzn2.noarch.rpm
| 44 kB  00:00:00
(38/75): jboss-interceptors-1.1-api-1.0.2-0.9.20120319git49a904.amzn2.noarch.rpm
| 27 kB  00:00:00
(39/75): jboss-jaxrpc-1.1-api-1.0.1-7.amzn2.noarch.rpm
| 44 kB  00:00:00
(40/75): jboss-servlet-3.0-api-1.0.1-9.amzn2.noarch.rpm
| 82 kB  00:00:00
(41/75): jboss-transaction-1.1-api-1.0.1-8.amzn2.noarch.rpm
| 40 kB  00:00:00
(42/75): jline-1.0-8.amzn2.noarch.rpm
| 69 kB  00:00:00
(43/75): jsch-0.1.50-5.amzn2.noarch.rpm
| 239 kB  00:00:00
(44/75): jsoup-1.16.1-4.amzn2.0.1.noarch.rpm
| 440 kB  00:00:00
(45/75): junit-4.11-8.1.amzn2.0.1.noarch.rpm
| 261 kB  00:00:00
(46/75): jzlib-1.1.1-6.amzn2.noarch.rpm
| 72 kB  00:00:00
(47/75): libXinerama-1.1.3-2.1.amzn2.0.2.x86_64.rpm
| 14 kB  00:00:00
(48/75): libXrandr-1.5.1-2.amzn2.0.3.x86_64.rpm
| 27 kB  00:00:00
(49/75): java-17-amazon-corretto-headless-17.0.15+6-1.amzn2.1.x86_64.rpm
| 94 MB  00:00:01
(50/75): libXt-1.1.5-3.amzn2.0.2.x86_64.rpm
| 177 kB  00:00:00
(51/75): log4j-1.2.17-18.amzn2.noarch.rpm
| 446 kB  00:00:00
(52/75): maven-3.0.5-17.amzn2.noarch.rpm
| 1.3 MB  00:00:00
(53/75): maven-wagon-2.4-3.amzn2.noarch.rpm
| 187 kB  00:00:00
(54/75): nekohtml-1.9.14-13.amzn2.noarch.rpm
| 152 kB  00:00:00
(55/75): objectweb-asm-3.3.1-9.amzn2.noarch.rpm
| 197 kB  00:00:00
(56/75): plexus-cipher-1.7-5.amzn2.noarch.rpm
| 23 kB  00:00:00
(57/75): plexus-classworlds-2.4.2-8.amzn2.noarch.rpm
| 54 kB  00:00:00
(58/75): plexus-component-api-1.0-0.16.alpha15.amzn2.noarch.rpm
| 27 kB  00:00:00
(59/75): plexus-containers-component-annotations-1.5.5-14.amzn2.noarch.rpm
```

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
| 11 kB  00:00:00
(60/75): plexus-interactivity-1.0-0.14.alpha6.amzn2.noarch.rpm
| 18 kB  00:00:00
(61/75): plexus-containers-container-default-1.5.5-14.amzn2.noarch.rpm
| 183 kB  00:00:00
(62/75): plexus-interpolation-1.15-8.amzn2.noarch.rpm
| 57 kB  00:00:00
(63/75): plexus-sec-dispatcher-1.4-13.amzn2.noarch.rpm
| 29 kB  00:00:00
(64/75): plexus-utils-3.0.9-9.amzn2.noarch.rpm
| 225 kB  00:00:00
(65/75): regexp-1.5-13.amzn2.noarch.rpm
| 47 kB  00:00:00
(66/75): qdox-1.12.1-10.amzn2.noarch.rpm
| 170 kB  00:00:00
(67/75): sisu-inject-bean-2.3.0-11.amzn2.noarch.rpm
| 181 kB  00:00:00
(68/75): slf4j-1.7.4-4.amzn2.noarch.rpm
| 170 kB  00:00:00
(69/75): sisu-inject-plexus-2.3.0-11.amzn2.noarch.rpm
| 179 kB  00:00:00
(70/75): xalan-j2-2.7.1-23.1.amzn2.noarch.rpm
| 1.9 MB  00:00:00
(71/75): tomcat-servlet-3.0-api-7.0.76-10.amzn2.0.11.noarch.rpm
| 214 kB  00:00:00
(72/75): xerces-j2-2.11.0-17.amzn2.0.2.noarch.rpm
| 1.2 MB  00:00:00
(73/75): xbean-3.13-6.amzn2.noarch.rpm
| 376 kB  00:00:00
(74/75): xml-commons-resolver-1.2-15.amzn2.noarch.rpm
| 108 kB  00:00:00
(75/75): xml-commons-apis-1.4.01-16.amzn2.noarch.rpm
| 227 kB  00:00:00
```

Total

36 MB/s | 112 MB 00:00:03

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : libXinerama-1.1.3-2.1.amzn2.0.2.x86_64

1/75

Installing : libXt-1.1.5-3.amzn2.0.2.x86_64

2/75

Installing : dejavu-sans-mono-fonts-2.33-6.amzn2.noarch

3/75

Installing : tomcat-servlet-3.0-api-7.0.76-10.amzn2.0.11.noarch

4/75

Installing : dejavu-serif-fonts-2.33-6.amzn2.noarch

5/75

Installing : 1:java-17-amazon-corretto-headless-17.0.15+6-1.amzn2.1.x86_64

6/75

Installing : 1:java-17-amazon-corretto-devel-17.0.15+6-1.amzn2.1.x86_64

7/75

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

Installing : libXrandr-1.5.1-2.amzn2.0.3.x86_64
8/75
Installing : 1:java-17-amazon-corretto-17.0.15+6-1.amzn2.1.x86_64
9/75
Installing : plexus-utils-3.0.9-9.amzn2.noarch
10/75
Installing : aether-api-1.13.1-13.amzn2.noarch
11/75
Installing : plexus-classworlds-2.4.2-8.amzn2.noarch
12/75
Installing : xml-commons-apis-1.4.01-16.amzn2.noarch
13/75
Installing : objectweb-asm-3.3.1-9.amzn2.noarch
14/75
Installing : aether-util-1.13.1-13.amzn2.noarch
15/75
Installing : aether-spi-1.13.1-13.amzn2.noarch
16/75
Installing : apache-commons-codec-1.8-7.amzn2.noarch
17/75
Installing : atinject-1-13.20100611svn86.amzn2.noarch
18/75
Installing : guava-13.0-6.amzn2.noarch
19/75
Installing : httpcomponents-core-4.2.4-6.amzn2.noarch
20/75
Installing : cglib-2.2-18.1.amzn2.noarch
21/75
Installing : geronimo-jms-1.1.1-19.amzn2.noarch
22/75
Installing : aopalliance-1.0-8.1.amzn2.noarch
23/75
Installing : plexus-cipher-1.7-5.amzn2.noarch
24/75
Installing : plexus-containers-component-annotations-1.5.5-14.amzn2.noarch
25/75
Installing : apache-commons-lang-2.6-15.amzn2.noarch
26/75
Installing : plexus-sec-dispatcher-1.4-13.amzn2.noarch
27/75
Installing : aether-impl-1.13.1-13.amzn2.noarch
28/75
Installing : xml-commons-resolver-1.2-15.amzn2.noarch
29/75
Installing : xalan-j2-2.7.1-23.1.amzn2.noarch
30/75
Installing : xerces-j2-2.11.0-17.amzn2.0.2.noarch
31/75
Installing : plexus-component-api-1.0-0.16.alpha15.amzn2.noarch
32/75
Installing : geronimo-annotation-1.0-15.amzn2.noarch
33/75
Installing : jboss-interceptors-1.1-api-1.0.2-0.9.20120319git49a904.amzn2.noarch
34/75
Installing : regexp-1.5-13.amzn2.noarch

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

35/75

Installing : bcel-5.2-18.amzn2.0.1.noarch

36/75

Installing : nekohtml-1.9.14-13.amzn2.noarch

37/75

Installing : jsoup-1.16.1-4.amzn2.0.1.noarch

38/75

Installing : jboss-el-2.2-api-1.0.1-0.7.20120212git2fabd8.amzn2.noarch

39/75

Installing : javamail-1.4.6-8.amzn2.noarch

40/75

Installing : log4j-1.2.17-18.amzn2.noarch

41/75

Installing : apache-commons-logging-1.1.2-7.amzn2.noarch

42/75

Installing : avalon-logkit-2.1-14.1.amzn2.noarch

43/75

Installing : avalon-framework-4.3-10.1.amzn2.noarch

44/75

Installing : httpcomponents-client-4.2.5-5.amzn2.0.1.noarch

45/75

Installing : 1:jakarta-commons-httpclient-3.1-16.amzn2.noarch

46/75

Installing : easymock2-2.5.2-12.1.amzn2.noarch

47/75

Installing : hamcrest-1.3-6.1.amzn2.noarch

48/75

Installing : junit-4.11-8.1.amzn2.0.1.noarch

49/75

Installing : qdox-1.12.1-10.amzn2.noarch

50/75

Installing : jboss-servlet-3.0-api-1.0.1-9.amzn2.noarch

51/75

Installing : jboss-jaxrpc-1.1-api-1.0.1-7.amzn2.noarch

52/75

Installing : apache-commons-net-3.2-8.amzn2.noarch

53/75

Installing : jboss-transaction-1.1-api-1.0.1-8.amzn2.noarch

54/75

Installing : jboss-ejb-3.1-api-1.0.2-10.amzn2.noarch

55/75

Installing : cdi-api-1.0-11.SP4.amzn2.noarch

56/75

Installing : jline-1.0-8.amzn2.noarch

57/75

Installing : plexus-interactivity-1.0-0.14.alpha6.amzn2.noarch

58/75

Installing : cal10n-0.7.7-4.amzn2.noarch

59/75

Installing : plexus-interpolation-1.15-8.amzn2.noarch

60/75

Installing : 1:apache-commons-io-2.4-12.amzn2.0.1.noarch

61/75

Installing : jzlib-1.1.1-6.amzn2.noarch

62/75

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
Installing : jsch-0.1.50-5.amzn2.noarch
63/75
Installing : javassist-3.16.1-10.amzn2.noarch
64/75
Installing : slf4j-1.7.4-4.amzn2.noarch
65/75
Installing : google-guice-3.1.3-9.amzn2.noarch
66/75
Installing : sisu-inject-bean-2.3.0-11.amzn2.noarch
67/75
Installing : sisu-inject-plexus-2.3.0-11.amzn2.noarch
68/75
Installing : maven-wagon-2.4-3.amzn2.noarch
69/75
Installing : aether-connector-wagon-1.13.1-13.amzn2.noarch
70/75
Installing : felix-framework-4.2.1-5.amzn2.noarch
71/75
Installing : xbean-3.13-6.amzn2.noarch
72/75
Installing : plexus-containers-container-default-1.5.5-14.amzn2.noarch
73/75
Installing : apache-commons-cli-1.2-13.amzn2.noarch
74/75
Installing : maven-3.0.5-17.amzn2.noarch
75/75
Verifying  : geronimo-annotation-1.0-15.amzn2.noarch
1/75
Verifying  : jsch-0.1.50-5.amzn2.noarch
2/75
Verifying  : jboss-interceptors-1.1-api-1.0.2-0.9.20120319git49a904.amzn2.noarch
3/75
Verifying  : apache-commons-codec-1.8-7.amzn2.noarch
4/75
Verifying  : bcel-5.2-18.amzn2.0.1.noarch
5/75
Verifying  : regexp-1.5-13.amzn2.noarch
6/75
Verifying  : aether-api-1.13.1-13.amzn2.noarch
7/75
Verifying  : jsoup-1.16.1-4.amzn2.0.1.noarch
8/75
Verifying  : aether-connector-wagon-1.13.1-13.amzn2.noarch
9/75
Verifying  : 1:java-17-amazon-corretto-headless-17.0.15+6-1.amzn2.1.x86_64
10/75
Verifying  : geronimo-jms-1.1.1-19.amzn2.noarch
11/75
Verifying  : jboss-jaxrpc-1.1-api-1.0.1-7.amzn2.noarch
12/75
Verifying  : sisu-inject-plexus-2.3.0-11.amzn2.noarch
13/75
Verifying  : jboss-el-2.2-api-1.0.1-0.7.20120212git2fabd8.amzn2.noarch
14/75
Verifying  : javamail-1.4.6-8.amzn2.noarch
```

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

15/75

Verifying : xerces-j2-2.11.0-17.amzn2.0.2.noarch

16/75

Verifying : plexus-classworlds-2.4.2-8.amzn2.noarch

17/75

Verifying : aopalliance-1.0-8.1.amzn2.noarch

18/75

Verifying : easymock2-2.5.2-12.1.amzn2.noarch

19/75

Verifying : jboss-servlet-3.0-api-1.0.1-9.amzn2.noarch

20/75

Verifying : log4j-1.2.17-18.amzn2.noarch

21/75

Verifying : 1:jakarta-commons-httpclient-3.1-16.amzn2.noarch

22/75

Verifying : aether-util-1.13.1-13.amzn2.noarch

23/75

Verifying : atinject-1-13.20100611svn86.amzn2.noarch

24/75

Verifying : aether-spi-1.13.1-13.amzn2.noarch

25/75

Verifying : apache-commons-logging-1.1.2-7.amzn2.noarch

26/75

Verifying : plexus-cipher-1.7-5.amzn2.noarch

27/75

Verifying : apache-commons-net-3.2-8.amzn2.noarch

28/75

Verifying : maven-3.0.5-17.amzn2.noarch

29/75

Verifying : xml-commons-resolver-1.2-15.amzn2.noarch

30/75

Verifying : 1:java-17-amazon-corretto-17.0.15+6-1.amzn2.1.x86_64

31/75

Verifying : cglib-2.2-18.1.amzn2.noarch

32/75

Verifying : httpcomponents-client-4.2.5-5.amzn2.0.1.noarch

33/75

Verifying : jboss-transaction-1.1-api-1.0.1-8.amzn2.noarch

34/75

Verifying : jline-1.0-8.amzn2.noarch

35/75

Verifying : cal10n-0.7.7-4.amzn2.noarch

36/75

Verifying : hamcrest-1.3-6.1.amzn2.noarch

37/75

Verifying : avalon-framework-4.3-10.1.amzn2.noarch

38/75

Verifying : libXrandr-1.5.1-2.amzn2.0.3.x86_64

39/75

Verifying : sisu-inject-bean-2.3.0-11.amzn2.noarch

40/75

Verifying : plexus-interpolation-1.15-8.amzn2.noarch

41/75

Verifying : plexus-containers-component-annotations-1.5.5-14.amzn2.noarch

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Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
Verifying : plexus-sec-dispatcher-1.4-13.amzn2.noarch
43/75
Verifying : dejavu-serif-fonts-2.33-6.amzn2.noarch
44/75
Verifying : tomcat-servlet-3.0-api-7.0.76-10.amzn2.0.11.noarch
45/75
Verifying : dejavu-sans-mono-fonts-2.33-6.amzn2.noarch
46/75
Verifying : jboss-ejb-3.1-api-1.0.2-10.amzn2.noarch
47/75
Verifying : xbean-3.13-6.amzn2.noarch
48/75
Verifying : plexus-utils-3.0.9-9.amzn2.noarch
49/75
Verifying : xml-commons-apis-1.4.01-16.amzn2.noarch
50/75
Verifying : libXt-1.1.5-3.amzn2.0.2.x86_64
51/75
Verifying : xalan-j2-2.7.1-23.1.amzn2.noarch
52/75
Verifying : libXinerama-1.1.3-2.1.amzn2.0.2.x86_64
53/75
Verifying : maven-wagon-2.4-3.amzn2.noarch
54/75
Verifying : avalon-logkit-2.1-14.1.amzn2.noarch
55/75
Verifying : apache-commons-lang-2.6-15.amzn2.noarch
56/75
Verifying : 1:apache-commons-io-2.4-12.amzn2.0.1.noarch
57/75
Verifying : 1:java-17-amazon-corretto-devel-17.0.15+6-1.amzn2.1.x86_64
58/75
Verifying : cdi-api-1.0-11.SP4.amzn2.noarch
59/75
Verifying : plexus-containers-container-default-1.5.5-14.amzn2.noarch
60/75
Verifying : slf4j-1.7.4-4.amzn2.noarch
61/75
Verifying : jzlib-1.1.1-6.amzn2.noarch
62/75
Verifying : aether-impl-1.13.1-13.amzn2.noarch
63/75
Verifying : plexus-interactivity-1.0-0.14.alpha6.amzn2.noarch
64/75
Verifying : google-guice-3.1.3-9.amzn2.noarch
65/75
Verifying : qdox-1.12.1-10.amzn2.noarch
66/75
Verifying : javassist-3.16.1-10.amzn2.noarch
67/75
Verifying : felix-framework-4.2.1-5.amzn2.noarch
68/75
Verifying : guava-13.0-6.amzn2.noarch
69/75
Verifying : nekohtml-1.9.14-13.amzn2.noarch
```

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

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Verifying : apache-commons-cli-1.2-13.amzn2.noarch

71/75

Verifying : httpcomponents-core-4.2.4-6.amzn2.noarch

72/75

Verifying : objectweb-asm-3.3.1-9.amzn2.noarch

73/75

Verifying : plexus-component-api-1.0-0.16.alpha15.amzn2.noarch

74/75

Verifying : junit-4.11-8.1.amzn2.0.1.noarch

75/75

Installed:

maven.noarch 0:3.0.5-17.amzn2

Dependency Installed:

aether-api.noarch 0:1.13.1-13.amzn2

aether-connector-wagon.noarch 0:1.13.1-13.amzn2

aether-impl.noarch 0:1.13.1-13.amzn2

aether-spi.noarch 0:1.13.1-13.amzn2

aether-util.noarch 0:1.13.1-13.amzn2

aopalliance.noarch 0:1.0-8.1.amzn2

apache-commons-cli.noarch 0:1.2-13.amzn2

apache-commons-codec.noarch 0:1.8-7.amzn2

apache-commons-io.noarch 1:2.4-12.amzn2.0.1

apache-commons-lang.noarch 0:2.6-15.amzn2

apache-commons-logging.noarch 0:1.1.2-7.amzn2

apache-commons-net.noarch 0:3.2-8.amzn2

atinject.noarch 0:1-13.20100611svn86.amzn2

avalon-framework.noarch 0:4.3-10.1.amzn2

avalon-logkit.noarch 0:2.1-14.1.amzn2

bcel.noarch 0:5.2-18.amzn2.0.1

cal10n.noarch 0:0.7.7-4.amzn2

cdi-api.noarch 0:1.0-11.SP4.amzn2

cglib.noarch 0:2.2-18.1.amzn2

dejavu-sans-mono-fonts.noarch 0:2.33-6.amzn2

dejavu-serif-fonts.noarch 0:2.33-6.amzn2

easymock2.noarch 0:2.5.2-12.1.amzn2

felix-framework.noarch 0:4.2.1-5.amzn2

geronimo-annotation.noarch 0:1.0-15.amzn2

geronimo-jms.noarch 0:1.1.1-19.amzn2

google-guice.noarch 0:3.1.3-9.amzn2

guava.noarch 0:13.0-6.amzn2

hamcrest.noarch 0:1.3-6.1.amzn2

httpcomponents-client.noarch 0:4.2.5-5.amzn2.0.1

httpcomponents-core.noarch 0:4.2.4-6.amzn2

jakarta-commons-httpclient.noarch 1:3.1-16.amzn2

java-17-amazon-corretto.x86_64 1:17.0.15+6-1.amzn2.1

java-17-amazon-corretto-devel.x86_64 1:17.0.15+6-1.amzn2.1

java-17-amazon-corretto-headless.x86_64 1:17.0.15+6-1.amzn2.1

javamail.noarch 0:1.4.6-8.amzn2

javassist.noarch 0:3.16.1-10.amzn2

jboss-ejb-3.1-api.noarch 0:1.0.2-10.amzn2

jboss-el-2.2-api.noarch 0:1.0.1-0.7.20120212git2fabd8.amzn2

jboss-interceptors-1.1-api.noarch 0:1.0.2-0.9.20120319git49a904.amzn2

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
jboss-jaxrpc-1.1-api.noarch 0:1.0.1-7.amzn2
  jboss-servlet-3.0-api.noarch 0:1.0.1-9.amzn2
jboss-transaction-1.1-api.noarch 0:1.0.1-8.amzn2
  jline.noarch 0:1.0-8.amzn2
jsch.noarch 0:0.1.50-5.amzn2
  jsoup.noarch 0:1.16.1-4.amzn2.0.1
junit.noarch 0:4.11-8.1.amzn2.0.1
  jzlib.noarch 0:1.1.1-6.amzn2
libXinerama.x86_64 0:1.1.3-2.1.amzn2.0.2
  libXrandr.x86_64 0:1.5.1-2.amzn2.0.3
libXt.x86_64 0:1.1.5-3.amzn2.0.2
  log4j.noarch 0:1.2.17-18.amzn2
maven-wagon.noarch 0:2.4-3.amzn2
  nekohtml.noarch 0:1.9.14-13.amzn2
objectweb-asn1.noarch 0:3.3.1-9.amzn2
  plexus-cipher.noarch 0:1.7-5.amzn2
plexus-classworlds.noarch 0:2.4.2-8.amzn2
  plexus-component-api.noarch 0:1.0-0.16.alpha15.amzn2
plexus-containers-component-annotations.noarch 0:1.5.5-14.amzn2
  plexus-containers-container-default.noarch 0:1.5.5-14.amzn2
plexus-interactivity.noarch 0:1.0-0.14.alpha6.amzn2
  plexus-interpolation.noarch 0:1.15-8.amzn2
plexus-sec-dispatcher.noarch 0:1.4-13.amzn2
  plexus-utils.noarch 0:3.0.9-9.amzn2
qdox.noarch 0:1.12.1-10.amzn2
  regexp.noarch 0:1.5-13.amzn2
sisu-inject-bean.noarch 0:2.3.0-11.amzn2
  sisu-inject-plexus.noarch 0:2.3.0-11.amzn2
slf4j.noarch 0:1.7.4-4.amzn2
  tomcat-servlet-3.0-api.noarch 0:7.0.76-10.amzn2.0.11
xalan-j2.noarch 0:2.7.1-23.1.amzn2
  xbean.noarch 0:3.13-6.amzn2
xerces-j2.noarch 0:2.11.0-17.amzn2.0.2
  xml-commons-apis.noarch 0:1.4.01-16.amzn2
xml-commons-resolver.noarch 0:1.2-15.amzn2
```

Complete!

Downloaded:

apache/maven/maven/3.0/maven-3.0.pom

Downloaded:

Cloning Repository

```
[root@ip-172-31-6-5 ~]# git clone https://github.com/vaaishnnu/Web-Application.git
Cloning into 'Web-Application'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (9/9), done.
remote: Total 12 (delta 0), reused 12 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (12/12), done.
[root@ip-172-31-6-5 ~]# cd Web-Application/
[root@ip-172-31-6-5 Web-Application]# ls
Maven-Web-App-Vaaishnnu
[root@ip-172-31-6-5 Web-Application]# cd Maven-Web-App-Vaaishnnu/
[root@ip-172-31-6-5 Maven-Web-App-Vaaishnnu]# ls
Dockerfile  pom.xml  src
```

Manual Deploy of Web App using Tomcat & Maven in EC2 by **Ganga Vaishnu Reddy. Emani**

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
[root@ip-172-31-6-5 Maven-Web-App-Vaaishhnnu]# mvn compile
[INFO] Scanning for projects...
[INFO]
[INFO] -----
[INFO] Building 01-maven-web-app 3.0-RELEASE
[INFO] -----
[INFO]
[INFO] --- maven-resources-plugin:2.5:resources (default-resources) @ 01-maven-web-app
---
[debug] execute contextualize
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build
is platform dependent!
[INFO] skip non existing resourceDirectory
/root/Web-Application/Maven-Web-App-Vaaishhnnu/src/main/resources
[INFO]
[INFO] --- maven-compiler-plugin:2.3.2:compile (default-compile) @ 01-maven-web-app ---
[INFO] No sources to compile
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 0.907s
[INFO] Finished at: Mon Jun 09 07:03:38 UTC 2025
[INFO] Final Memory: 6M/15M
[INFO] -----
[root@ip-172-31-6-5 Maven-Web-App-Vaaishhnnu]# mvn package
[INFO] Scanning for projects...
[INFO]
[INFO] -----
[INFO] Building 01-maven-web-app 3.0-RELEASE
[INFO] -----
[INFO]
[INFO] --- maven-resources-plugin:2.5:resources (default-resources) @ 01-maven-web-app
---
[debug] execute contextualize
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build
is platform dependent!
[INFO] skip non existing resourceDirectory
/root/Web-Application/Maven-Web-App-Vaaishhnnu/src/main/resources
[INFO]
[INFO] --- maven-compiler-plugin:2.3.2:compile (default-compile) @ 01-maven-web-app ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-resources-plugin:2.5:testResources (default-testResources) @
01-maven-web-app ---
[debug] execute contextualize
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build
is platform dependent!
[INFO] skip non existing resourceDirectory
/root/Web-Application/Maven-Web-App-Vaaishhnnu/src/test/resources
[INFO]
[INFO] --- maven-compiler-plugin:2.3.2:testCompile (default-testCompile) @
01-maven-web-app ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-surefire-plugin:2.10:test (default-test) @ 01-maven-web-app ---
```

Manual Deploy of Web App using Tomcat & Maven in EC2 by [Ganga Vaishnu Reddy. Emani](#)

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

```
[INFO] No tests to run.
[INFO] Surefire report directory:
/root/Web-Application/Maven-Web-App-Vaaishnnu/target/surefire-reports
```

```
-----
T E S T S
-----
```

Results :

Tests run: 0, Failures: 0, Errors: 0, Skipped: 0

```
[INFO]
[INFO] --- maven-war-plugin:3.3.1:war (default-war) @ 01-maven-web-app ---
[INFO] Packaging webapp
[INFO] Assembling webapp [01-maven-web-app] in
[/root/Web-Application/Maven-Web-App-Vaaishnnu/target/maven-web-app]
[INFO] Processing war project
[INFO] Copying webapp resources
[/root/Web-Application/Maven-Web-App-Vaaishnnu/src/main/webapp]
[INFO] Building war:
/root/Web-Application/Maven-Web-App-Vaaishnnu/target/maven-web-app.war
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.463s
[INFO] Finished at: Mon Jun 09 07:03:49 UTC 2025
[INFO] Final Memory: 9M/93M
[INFO] -----
[root@ip-172-31-6-5 Maven-Web-App-Vaaishnnu]# ls
Dockerfile pom.xml src target
[root@ip-172-31-6-5 Maven-Web-App-Vaaishnnu]# cd target/
[root@ip-172-31-6-5 target]# ls
maven-archiver maven-web-app maven-web-app.war surefire
[root@ip-172-31-6-5 target]# cp maven-web-app.war /home/ec2-user/
[root@ip-172-31-6-5 target]# cd ..
[root@ip-172-31-6-5 Maven-Web-App-Vaaishnnu]# ls
Dockerfile pom.xml src target
[root@ip-172-31-6-5 Maven-Web-App-Vaaishnnu]# cd ..
[root@ip-172-31-6-5 Web-Application]# cd ..
[root@ip-172-31-6-5 ~]# ls
apache-tomcat-9.0.105 Web-Application

[root@ip-172-31-6-5 Maven-Web-App-Vaaishnnu]# ls -ltr
total 8
drwxr-xr-x 3 root root 18 Jun 9 07:03 src
-rw-r--r-- 1 root root 901 Jun 9 07:03 pom.xml
-rw-r--r-- 1 root root 202 Jun 9 07:03 Dockerfile
drwxr-xr-x 5 root root 90 Jun 9 07:03 target
[root@ip-172-31-6-5 Maven-Web-App-Vaaishnnu]#
```

Ganga Vaishnu Reddy. Emani 's – Manual Deployment of Web App Project

Message:

OK

Manager

List ApplicationsHTML Manager HelpManager Help

Applications

Path	Version	Display Name	Running	Sessions	Commands
/	None specified	Welcome to Tomcat	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/docs	None specified	Tomcat Documentation	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/examples	None specified	Servlet and JSP Examples	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/host-manager	None specified	Tomcat Host Manager Application	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/manager	None specified	Tomcat Manager Application	true	1	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/maven-web-app	None specified	Archetype Created Web Application	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>

Deploy

Deploy directory or WAR file located on server

Context Path:

Version (for parallel deployment):

XML Configuration file path:

WAR or Directory path:

Deploy

WAR file to deploy

Select WAR file to uploadChoose file | maven-web-app.war

Upload

