

TOMCAT

Instalación de un contenedor Tomcat

(https://hub.docker.com/_/tomcat)

Primero hacemos el siguiente paso:

`docker pull tomcat`

Segundo paso

```
estudiante@DAW1:~$ docker run -it --rm -p 8888:8080 tomcat:9.0
Using CATALINA_BASE:   /usr/local/tomcat
Using CATALINA_HOME:   /usr/local/tomcat
Using CATALINA_TMPDIR: /usr/local/tomcat/temp
Using JRE_HOME:        /opt/java/openjdk
Using CLASSPATH:        /usr/local/tomcat/bin/bootstrap.jar:/usr/local/tomcat/bin
/tomcat-juli.jar
Using CATALINA_OPTS:
NOTE: Picked up JDK_JAVA_OPTIONS:  --add-opens=java.base/java.lang=ALL-UNNAMED -
--add-opens=java.base/java.io=ALL-UNNAMED --add-opens=java.base/java.util=ALL-UNN
AMED --add-opens=java.base/java.util.concurrent=ALL-UNNAMED --add-opens=java.rmi
/sun.rmi.transport=ALL-UNNAMED
13-Jan-2023 07:47:24.952 INFO [main] org.apache.catalina.startup.VersionLoggerLi
stener.log Server version name:   Apache Tomcat/9.0.70
13-Jan-2023 07:47:24.961 INFO [main] org.apache.catalina.startup.VersionLoggerLi
stener.log Server built:          Dec 1 2022 14:05:47 UTC
13-Jan-2023 07:47:24.961 INFO [main] org.apache.catalina.startup.VersionLoggerLi
stener.log Server version number: 9.0.70.0
13-Jan-2023 07:47:24.962 INFO [main] org.apache.catalina.startup.VersionLoggerLi
stener.log OS Name:               Linux
13-Jan-2023 07:47:24.962 INFO [main] org.apache.catalina.startup.VersionLoggerLi
stener.log OS Version:            5.15.0-57-generic
13-Jan-2023 07:47:24.962 INFO [main] org.apache.catalina.startup.VersionLoggerLi
```

Arrancamos el contenedor con el comando de arriba.

Abrimos otra terminal y hacemos el docker ps para ver el id, después hacemos un docker exec -it ip del contenedor de tomcat.

```
estudiante@DAW1:~$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED
STATUS        PORTS          NAMES
7b76990107a8   tomcat:9.0     "catalina.sh run"       35 seconds ago
Up 34 seconds  0.0.0.0:8888->8080/tcp, :::8888->8080/tcp   vigorous_dhawan
767d001df2af   joomla         "/entrypoint.sh apac..." 5 weeks ago
Up 23 minutes  0.0.0.0:8080->80/tcp, :::8080->80/tcp       joomla_joomla_1
b0b827bf4be4   mysql:5.6      "docker-entrypoint.s..." 5 weeks ago
Up 23 minutes  3306/tcp      joomla_joomlab_1
3eb295b6551a   phpmyadmin/phpmyadmin "/docker-entrypoint...." 2 months ago
Up 23 minutes  0.0.0.0:8090->80/tcp, :::8090->80/tcp       phpmyadminDawes

estudiante@DAW1:~$ docker exec -it 7b76990107a8 /bin/bash
root@7b76990107a8:/usr/local/tomcat# cp -R w
webapps/          webapps.dist/ work/
root@7b76990107a8:/usr/local/tomcat# cp -R webapps.dist/* w
webapps/          webapps.dist/ work/
root@7b76990107a8:/usr/local/tomcat# cp -R webapps.dist/* webapps
root@7b76990107a8:/usr/local/tomcat#
```

y como podemos ver ya tenemos nuestra pagina

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localhost:8888

Home Documentation Configuration Examples Wiki Mailing Lists Find Help

Apache Tomcat/9.0.70

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



Recommended Reading:

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

Server Status
Manager App
Host Manager

Developer Quick Start

- [Tomcat Setup](#)
- [First Web Application](#)
- [Realms & AAA](#)
- [JDBC DataSources](#)
- [Examples](#)
- [Servlet Specifications](#)
- [Tomcat Versions](#)

Managing Tomcat

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

```
SCATALINA_HOME/conf/tomcat-users.xml
```

In Tomcat 9.0 access to the manager application is split between different users.
[Read more...](#)

[Release Notes](#)
[Changelog](#)

Documentation

[Tomcat 9.0 Documentation](#)
[Tomcat 9.0 Configuration](#)
[Tomcat Wiki](#)

Find additional important configuration information in:

SCATALINA_HOME/RUNNING.txt

Developers may be interested in:

[Tomcat 9.0 Bug Database](#)

Getting Help

FAQ and Mailing Lists

The following mailing lists are available:

- [tomcat-announce](#)
important announcements, releases, security vulnerability notifications. (Low volume).
- [tomcat-users](#)
User support and discussion
- [taglibs-user](#)
User support and discussion for [Apache Taglibs](#)
- [tomcat-dev](#)
Development mailing list including security releases