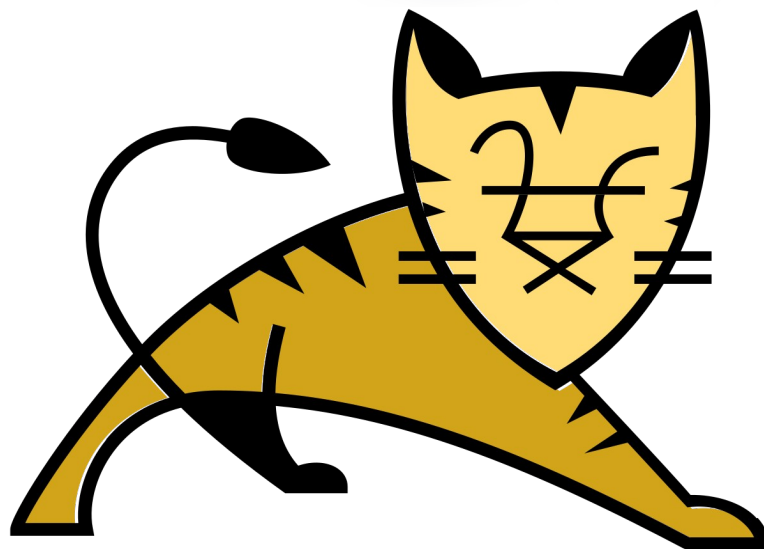


Instalación TomCat y WildFly



Alberto Adame Roldan 2ºDAW



INSTALACION TOMCAT

Primero iniciaremos tomcat

Haremos docker “docker pull tomcat” y seguido escribiremos:

```
Activities Terminal ene 13 09:26
estudiante@DAW1: ~
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
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-UNNAMED --add-opens=java.base/java.util.concurrent=ALL-UNNAMED --add-opens=java.rmi/sun.rmi.transport=ALL-UNNAMED
13-Jan-2023 08:24:57.630 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Server version name:   Apache Tomcat/9.0.70
13-Jan-2023 08:24:57.634 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Server built:      Dec 1 2022 14:05:47 UTC
13-Jan-2023 08:24:57.635 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Server version number: 9.0.70.0
13-Jan-2023 08:24:57.635 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log OS Name:          Linux
13-Jan-2023 08:24:57.635 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log OS Version:      5.15.0-57-generic
13-Jan-2023 08:24:57.635 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Architecture:   amd64
13-Jan-2023 08:24:57.635 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Java Home:       /opt/java/openjdk
13-Jan-2023 08:24:57.636 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log JVM Version:     17.0.5+8
13-Jan-2023 08:24:57.636 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log JVM Vendor:      Eclipse Adoptium
13-Jan-2023 08:24:57.636 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log CATALINA_BASE:   /usr/local/tomcat
13-Jan-2023 08:24:57.636 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log CATALINA_HOME:   /usr/local/tomcat
13-Jan-2023 08:24:57.650 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: --add-opens=java.base/java.l
13-Jan-2023 08:24:57.650 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: --add-opens=java.base/java.i
13-Jan-2023 08:24:57.650 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: --add-opens=java.base/java.u
13-Jan-2023 08:24:57.651 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: --add-opens=java.base/java.u
13-Jan-2023 08:24:57.651 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: --add-opens=java.rmi/sun.rmi
13-Jan-2023 08:24:57.652 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: -Djava.util.logging.config.f
13-Jan-2023 08:24:57.652 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: -Djava.util.logging.manager=
13-Jan-2023 08:24:57.652 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: -Djdk.tls.ephemeralDHKeySize
13-Jan-2023 08:24:57.652 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: -Djava.protocol.handler.pkgs
13-Jan-2023 08:24:57.652 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: org.apache.catalina.webresources
```

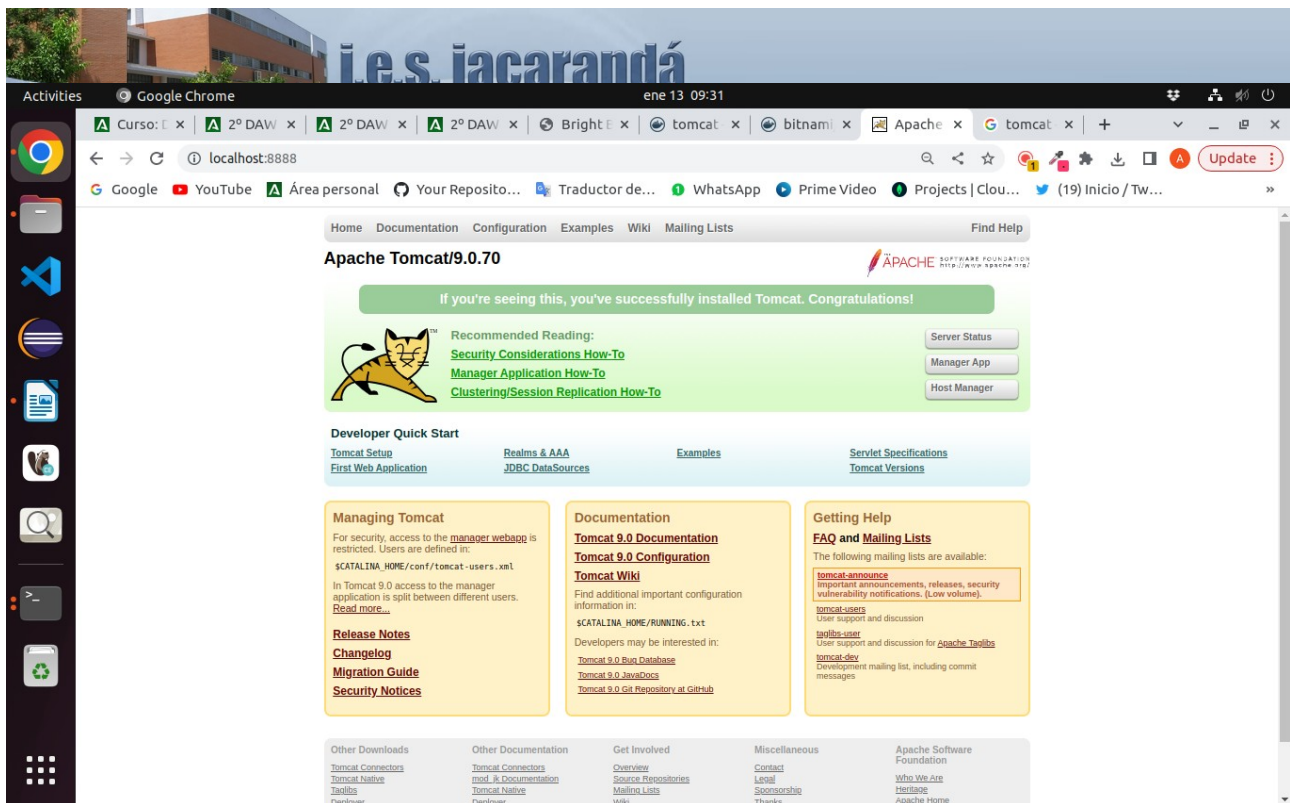
Dejaremos esa terminal iniciado, y abriremos una nueva y escribiremos:

```
estudiante@DAW1:~$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
c6b8a7f6ec2c   tomcat:9.0    "catalina.sh run"       7 seconds ago Up 6 seconds  0.0.0.0:8888->8080/tcp, :::8888->8080/tcp
b68ebb8b5afe   bitnami/wildfly:27 "/opt/bitnami/script..." 10 minutes ago Up 10 minutes  0.0.0.0:9990->9990/tcp, :::9990->9990/tcp
3b553864159c   mysql:5.6     "docker-entrypoint.s..." 5 weeks ago   Up About an hour  3306/tcp
746523d12d2e   phpmyadmin/phpmyadmin "/docker-entrypoint...." 2 months ago  Up About an hour  0.0.0.0:8090->80/tcp, :::8090->80/tcp

estudiante@DAW1:~$ docker exec -it c6b8a7f6ec2c /bin/bash
root@c6b8a7f6ec2c:/usr/local/tomcat# cp -R webapps.dist/* webapps
root@c6b8a7f6ec2c:/usr/local/tomcat#
```

Haremos docker ps para ver el “id”, lo ejecutaremos y copiaremos el archivo indicado, como podemos ver en la captura de arriba.

Por último nos iremos a la web en el puerto 8888 y veremos que funciona correctamente.



INSTALACIÓN WILDFLY

Haremos un docker pull: “docker pull bitnami/wildfly” seguido de:

```

ene 13 09:15
estudiante@DAW1: ~
$ docker pull bitnami/wildfly
Using default tag: latest
latest: Pulling from bitnami/wildfly
dc7f5a1b7281: Pull complete
64a0dced5e15: Pull complete
Digest: sha256:c18c574dd81077611030a00b5293d434d9a70036732d8df0b899633e1b2cdcaa
Status: Downloaded newer image for bitnami/wildfly:latest
docker.io/bitnami/wildfly:latest
estudiante@DAW1:~$ curl -sSL https://raw.githubusercontent.com/bitnami/containers/main/bitnami/wildfly/docker-compose.yml > docker-compose.yml
$: command not found
estudiante@DAW1:~$ curl -sSL https://raw.githubusercontent.com/bitnami/containers/main/bitnami/wildfly/docker-compose.yml > docker-compose.yml
estudiante@DAW1:~$ docker-compose up -d
Creating volume "estudiante_wildfly_data" with local driver
WARNING: Found orphan containers (estudiante_noodle_1, estudiante_mariadb_1) for this project. If you removed or renamed this service in your compose file, you can run this command with the --remove-orphans flag to clean it up.
Pulling wildfly (docker.io/bitnami/wildfly:27)...
27: Pulling from bitnami/wildfly
Digest: sha256:c18c574dd81077611030a00b5293d434d9a70036732d8df0b899633e1b2cdcaa
Status: Downloaded newer image for bitnami/wildfly:27
Creating estudiante_wildfly_1 ... done
estudiante@DAW1:~$
  
```

Y si nos vamos a la web veremos que funciona correctamente:




Activities Google Chrome ene 13 09:15

Curso: De x 2º DAW D x 2º DAW D x 2º DAW D x Bright Blu x tomcat - C x bitnami/v x Welcome x +

localhost:8080

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Welcome to WildFly

Your WildFly instance is running.

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[WildFly Project](#) | [User Forum](#) | [Report an issue](#)

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To replace this page simply deploy your own war with / as its context path.
To disable it, remove the "welcome-content" handler for location / in the undertow subsystem.