Practica-3.01-TOMCAT

Diseño de Interfaces

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2º DAW

Primero nos logueamos como usuarios administrador

```
ubuntu@ubuntu-20:~$ su
Password:
root@ubuntu-20:/home/ubuntu# apt update
```

Instalamos el JDK

```
12 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@ubuntu-20:/home/ubuntu# apt install default-jdk
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  ca-certificates-java default-jdk-headless default-jre default-jre-headless
  fonts-dejavu-extra java-common libatk-wrapper-java libatk-wrapper-java-jni
  libice-dev libpthread-stubs0-dev libsm-dev libx11-dev libxau-dev
  libxcb1-dev libxdmcp-dev libxt-dev openjdk-11-jdk openjdk-11-jdk-headless
  openjdk-11-jre openjdk-11-jre-headless x11proto-core-dev x11proto-dev
  xorg-sgml-doctools xtrans-dev
Suggested packages:
  libice-doc libsm-doc libx11-doc libxcb-doc libxt-doc openjdk-11-demo
  openjdk-11-source visualvm fonts-ipafont-gothic fonts-ipafont-mincho
  fonts-wqy-microhei | fonts-wqy-zenhei
The following NEW packages will be installed:
  ca-certificates-java default-jdk default-jdk-headless default-jre
  default-jre-headless fonts-dejavu-extra java-common libatk-wrapper-java
  libatk-wrapper-java-jni libice-dev libpthread-stubs0-dev libsm-dev
  libx11-dev libxau-dev libxcb1-dev libxdmcp-dev libxt-dev openjdk-11-jdk
  openjdk-11-jdk-headless openjdk-11-jre openjdk-11-jre-headless
  x11proto-core-dev x11proto-dev xorg-sgml-doctools xtrans-dev
0 upgraded, 25 newly installed, 0 to remove and 12 not upgraded.
Need to get 117 MB of archives.
After this operation, 275 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

```
root@ubuntu-20:/home/ubuntu# apt install curl
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  curl
0 upgraded, 1 newly installed, 0 to remove and 12 not upgraded.
Need to get 161 kB of archives.
After this operation, 413 kB of additional disk space will be used.
0% [Working]
```

Creación en el S.O. el grupo "tomcat" y usuario "tomcat"

```
cat
root@ubuntu-20:/home/ubuntu# mkdir /opt/tomcat
root@ubuntu-20:/home/ubuntu# chgrp -R tomcat /opt/tomcat
```

```
root@ubuntu-20:/home/ubuntu# groupadd tomcat
root@ubuntu-20:/home/ubuntu# useradd -s /bin/false -g tomcat -d /opt/tomcat tom
cat
```

Descargamos tomcat y lo descomprimimos

```
root@ubuntu-20:/home/ubuntu# curl -O http://www.emambrilla.com/apache-tomcat-9.
0.82.tar.gz
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100 11.1M  100 11.1M    0     0  2016k      0  0:00:05  0:00:05 --:--:-- 2191k
root@ubuntu-20:/home/ubuntu# tar xzvf apache-tomcat-*tar.gz -C /opt/tomcat --st
rip-components=1
```

```
root@ubuntu-20:/home/ubuntu# chgrp -R tomcat /opt/tomcat
root@ubuntu-20:/home/ubuntu# chmod -R g+r /opt/tomcat/conf
root@ubuntu-20:/home/ubuntu# chmod g+x /opt/tomcat/conf
root@ubuntu-20:/home/ubuntu#
```

```
root@ubuntu-20:/home/ubuntu# chown -R tomcat /opt/tomcat/webapps /opt/tomcat/wo
rk /opt/tomcat/temp /opt/tomcat/logs
root@ubuntu-20:/home/ubuntu#
```

Descargar el fichero tomcat.service

```
root@ubuntu-20:/etc/systemd/system# curl -O http://www.emambrilla.com/tomcat.se
rvice
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100   636  100   636    0     0   7395      0 --:--:-- --:--:-- --:--:--  7482
root@ubuntu-20:/etc/systemd/system#
```

Monotorización

```
root@ubuntu-20:/etc/systemd/system# service tomcat start
root@ubuntu-20:/etc/systemd/system# service tomcat status
● tomcat.service - Apache Tomcat Web Application Container
     Loaded: loaded (/etc/systemd/system/tomcat.service; disabled; vendor pres>
     Active: active (running) since Wed 2023-11-15 16:24:37 CET; 7s ago
    Process: 5587 ExecStart=/opt/tomcat/bin/startup.sh (code=exited, status=0/>
   Main PID: 5594 (java)
      Tasks: 17 (limit: 2261)
     Memory: 135.2M
     CGroup: /system.slice/tomcat.service
             └─5594 /usr/lib/jvm/java-1.11.0-openjdk-amd64/bin/java -Djava.uti>

Nov 15 16:24:37 ubuntu-20 systemd[1]: Starting Apache Tomcat Web Application C>
Nov 15 16:24:37 ubuntu-20 startup.sh[5587]: Tomcat started.
Nov 15 16:24:37 ubuntu-20 systemd[1]: Started Apache Tomcat Web Application Co>
lines 1-13/13 (END)
```