

1. Actualizamos os repositorios do equipo e o preparamos para instalación do docker:

```
root@debian:/home/alumno# history
1  sudo apt-get install terminator
2  terminator
3  clear
4  apt-get update
5  apt-get install ca-certificates curl
6  install -m 0755 -d /etc/apt/keyrings
7  curl -fsSL https://download.docker.com/linux/debian/gpg -o /etc/apt/keyrings/docker.asc
8  chmod a+r /etc/apt/keyrings/docker.asc
9  echo "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/debian \
$(. /etc/os-release && echo "$VERSION_CODENAME") stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
10 sudo apt-get update
```

2. Instalamos o docker na súa versión máis recente:

```
14 sudo apt-get install docker-ce docker-ce-cli container.io docker-buildx-plugin docker-compose-plugin
15 sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin
```

3. Executamos docker Hello World para verificar a correcta instalación

```
root@debian:/home/alumno# sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
c1ec31eb5944: Pull complete
Digest: sha256:305243c734571da2d100c8c8b3c3167a098cab6049c9a5b066b6021a60fcb966
Status: Downloaded newer image for hello-world:latest

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
   (amd64)
3. The Docker daemon created a new container from that image which runs the
   executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it
   to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/
```

```
root@debian:/home/alumno# docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
```

## APACHE EN DOCKER

1. Descargar el apache. Los comandos 100 y 101 están mal por la falta del guión después del “:”

```
99  docker run httpd
100 docker run -dit --name apache1 -p 8080:80 -v /home/alumno:/usr/local/apache2/htdocs/httpd:latest
101 docker run -dit --name apache1 -p 8080:80 -v /home/alumno:/usr/local/apache2/htdocs/ httpd:latest
102 docker run -dit --name apache1 -p 8080:80 -v /home/alumno:/usr/local/apache2/htdocs/ httpd:lates
```

2. Observamos que o comando é axeitado:

