

Configuramos o repositorio Docker con apt

```
alumno@debian: ~  
root@debian:~# apt-get update  
Teño:1 http://deb.debian.org/debian bookworm InRelease  
Teño:2 http://security.debian.org/debian-security bookworm-security InRelease  
Teño:3 http://deb.debian.org/debian bookworm-updates InRelease  
Lendo as listas de paquetes... Feito  
root@debian:~# apt-get install ca-certificates curl  
Lendo as listas de paquetes... Feito  
Construindo a árbore de dependencias... Feito  
Lendo a información do estado... Feito  
ca-certificates is already the newest version (20230311).  
The following additional packages will be installed:  
  libcurl3-gnutls libcurl4  
Os seguintes paquetes NOVOS hanse instalar:  
  curl  
Vanse anovar os paquetes seguintes:  
  libcurl3-gnutls libcurl4  
2 anovados, 1 instalados, Vanse retirar 0 e deixar 230 sen anovar.  
Ten que recibir 315 kB/1090 kB de arquivos.  
Despois desta operación ocuparanse 492 kB de disco adicionais.  
Quere continuar? [S/n] s  
Rcb:1 http://deb.debian.org/debian bookworm/main amd64 curl amd64 7.88.1-10+deb1  
2u8 [315 kB]  
Obtivéronse 315 kB en 0s (4829 kB/s)  
Lendo os rexistros de modificacións... Feito
```

```
alumno@debian: ~  
root@debian:~# install -m 0755 -d /etc/apt/keyrings  
root@debian:~#
```

```
alumno@debian: ~
root@debian:~# curl -fsSL https://download.docker.com/linux/debian/gpg -o /etc/a
pt/keyrings/docker.asc
root@debian:~# chmod a+r /etc/apt/keyrings/docker.asc
root@debian:~# clear
```

```
root@debian:/home/alumno# 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
sudo apt-get update
Teño:1 http://security.debian.org/debian-security bookworm-security InRelease
Teño:2 http://deb.debian.org/debian bookworm InRelease
Teño:3 http://deb.debian.org/debian bookworm-updates InRelease
Rcb:4 https://download.docker.com/linux/debian bookworm InRelease [43,3 kB]
Rcb:5 https://download.docker.com/linux/debian bookworm/stable amd64 Packages [3
1,6 kB]
Obtivéronse 74,9 kB en 0s (210 kB/s)
Lendo as listas de paquetes... Feito
root@debian:/home/alumno#
```

Instalamos o paquete docker

```
alumno@debian: ~
root@debian:/home/alumno# apt-get install docker-ce docker-ce-cli containerd.io
docker-buildx-plugin docker-compose-plugin
Lendo as listas de paquetes... Feito
```

Verificamos que la instalacion es correcta y ejecutamos un hello-world

```
alumno@debian: ~  
root@debian:/home/alumno# 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/
```

```
root@debian:/home/alumno# docker ps -a  
CONTAINER ID   IMAGE          COMMAND         CREATED        STATUS  
PORTS         NAMES  
4b28a1966ef2   hello-world    "/hello"        4 minutes ago  Exited (0) 4 minutes ago  
crazy_chatterjee  
760c674f93b6   hello-world    "/hello"        4 minutes ago  Exited (0) 4 minutes ago  
kind_margulis  
5a32b9087841   hello-world    "/hello"        13 minutes ago Exited (0) 13 minutes ago  
keen_dhawan  
root@debian:/home/alumno#
```

Iniciar servicio apache



alumno@debian: ~



```
root@debian:/home/alumno# docker pull httpd
Using default tag: latest
latest: Pulling from library/httpd
Digest: sha256:6bdbdf5ac16ac3d6ef543a693fd5dfafae2428b4b0cdc52a480166603a069136
Status: Image is up to date for httpd:latest
docker.io/library/httpd:latest
root@debian:/home/alumno# docker run -dit --name apache1 -p 8080:80 -v /home/alumno:/usr/local/apache2/htdocs/ httpd:latest
dcf8ba1c42d2a1465f21deb4a2a586dc2619d8386d6a4d0cc197355703aed85e
root@debian:/home/alumno# docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS
	PORTS		NAMES	
dcf8ba1c42d2	httpd:latest	"httpd-foreground"	About a minute ago	Up About a minute
	0.0.0.0:8080->80/tcp, [::]:8080->80/tcp		apache1	

```
root@debian:/home/alumno# S
```