DOCKER EJERCICIOS

1. Wordpress con docker

1. Parar el contenedor tanto de mariaDB como de docker.

```
david@david-VirtualBox:~/Sites/wordpress/target$ docker ps
CONTAINER ID   IMAGE          COMMAND               CREATED         STATUS         PORTS                                         NAMES
bce7e53b454a   wordpress:4.9.8  "docker-entrypoint.s…"   3 minutes ago   Up 3 minutes   0.0.0.0:8080->80/tcp, :::8080->80/tcp   wordpress
c55320fdd3ab   mariadb:10.3.9   "docker-entrypoint.s…"   7 minutes ago   Up 7 minutes   3306/tcp                                     wordpress-db
david@david-VirtualBox:~/Sites/wordpress/target$ docker stop bce7e53b454a
bce7e53b454a
david@david-VirtualBox:~/Sites/wordpress/target$ docker stop c55320fdd3ab
c55320fdd3ab
david@david-VirtualBox:~/Sites/wordpress/target$ docker ps
CONTAINER ID   IMAGE   COMMAND   CREATED   STATUS   PORTS   NAMES
david@david-VirtualBox:~/Sites/wordpress/target$
```

2. Borrar los 2.

```
david@david-VirtualBox:~/Sites/wordpress/target$ docker ps -a
CONTAINER ID   IMAGE          COMMAND               CREATED          STATUS                  PORTS   NAMES
bce7e53b454a   wordpress:4.9.8  "docker-entrypoint.s…"   9 minutes ago    Exited (0) 6 minutes ago           wordpress
c55320fdd3ab   mariadb:10.3.9   "docker-entrypoint.s…"   14 minutes ago   Exited (0) 5 minutes ago           wordpress-db
08f6793d5f32   hello-world     "/hello"                 6 hours ago      Exited (0) 6 hours ago             inspiring_payne
david@david-VirtualBox:~/Sites/wordpress/target$ docker rm bce7e53b454a
bce7e53b454a
david@david-VirtualBox:~/Sites/wordpress/target$ docker rm c55320fdd3ab
c55320fdd3ab
david@david-VirtualBox:~/Sites/wordpress/target$ docker ps -a
CONTAINER ID   IMAGE          COMMAND     CREATED       STATUS                  PORTS   NAMES
08f6793d5f32   hello-world     "/hello"     6 hours ago   Exited (0) 6 hours ago          inspiring_payne
david@david-VirtualBox:~/Sites/wordpress/target$
```

3. Crearlos y mirar que ya no es necesario instalar wordpress.

```
david@david-VirtualBox:~/Sites/wordpress$ docker run -d --name wordpress \
--link wordpress-db:mysql \
--mount type=bind,source="$(pwd)"/target,target=/var/www/html \
-e WORDPRESS_DB_USER=manager \
-e WORDPRESS_DB_PASSWORD=secret \
-p 8080:80 \
wordpress:4.9.8
63778a5556442633e792fa42512f5a703ba4ea51f5ede349422f3e4511dcc102
david@david-VirtualBox:~/Sites/wordpress$
```

```
david@david-VirtualBox:~/Sites/wordpress/target$ docker run -d --name wordpress-db \
--mount source=wordpress-db,target=/var/lib/mysql \
 -e MYSQL_ROOT_PASSWORD=secret \
 -e MYSQL_DATABASE=wordpress \
 -e MYSQL_USER=manager \
 -e MYSQL_PASSWORD=secret mariadb:10.3.9
fe472c3ec07a5cd056193f340f613fc4e692a5b3b3b366e36914b417cc1cdb04
```

4- Borrarlos junto al volumen también.

```
david@david-VirtualBox:~/Sites/wordpress$ docker ps
CONTAINER ID   IMAGE          COMMAND               CREATED         STATUS         PORTS                                         NAMES
63778a555644   wordpress:4.9.8  "docker-entrypoint.s…"   3 minutes ago   Up 3 minutes   0.0.0.0:8080->80/tcp, :::8080->80/tcp   wordpress
fe472c3ec07a   mariadb:10.3.9   "docker-entrypoint.s…"   7 minutes ago   Up 7 minutes   3306/tcp                                     wordpress-db
david@david-VirtualBox:~/Sites/wordpress$ rocker rm 63778a555644
Orden «rocker» no encontrada. Quizá quiso decir:
  la orden «docker» del paquete snap «docker (20.10.24)»
  la orden «docker» del paquete deb «docker.io (24.0.5-0ubuntu1~22.04.1)»
  la orden «docker» del paquete deb «podman-docker (3.4.4+ds1-1ubuntu1.22.04.2)»
Consulte «snap info <nombre del snap>» para ver más versiones.
david@david-VirtualBox:~/Sites/wordpress$ docker rm 63778a555644
Error response from daemon: cannot remove container "/wordpress": container is running: stop the container before removing or force remove
david@david-VirtualBox:~/Sites/wordpress$ docker stop 63778a555644
63778a555644
david@david-VirtualBox:~/Sites/wordpress$ docker rm 63778a555644
63778a555644
david@david-VirtualBox:~/Sites/wordpress$ docker stop fe472c3ec07a
fe472c3ec07a
david@david-VirtualBox:~/Sites/wordpress$ docker rm fe472c3ec07a
fe472c3ec07a
david@david-VirtualBox:~/Sites/wordpress$
```

```
david@david-VirtualBox:~/Sites/wordpress$ docker volume ls
DRIVER    VOLUME NAME
local     467a7db20ddf70741610d2d2747c84f41ff970ff4993d94025ed60be50102acd
local     wordpress-db
david@david-VirtualBox:~/Sites/wordpress$ docker volume rm wordpress-db
wordpress-db
david@david-VirtualBox:~/Sites/wordpress$
```

5- Vuelve a crearlos tanto el volumen como los contenedores y se te tiene que volver a instalar wordpress.


```
david@david-VirtualBox:~/Sites/wordpress$ docker volume create wordpress-db
wordpress-db
david@david-VirtualBox:~/Sites/wordpress$ docker volume ls
DRIVER     VOLUME NAME
local      467a7db20ddf70741610d2d2747c84f41ff970ff4993d94025ed60be50102acd
local      wordpress-db
david@david-VirtualBox:~/Sites/wordpress$
```

```
david@david-VirtualBox:~/Sites/wordpress$ docker run -d --name wordpress-db \
--mount source=wordpress-db,target=/var/lib/mysql \
-e MYSQL_ROOT_PASSWORD=secret \
-e MYSQL_DATABASE=wordpress \
-e MYSQL_USER=manager \
-e MYSQL_PASSWORD=secret \
mariadb:10.3.9
96a285f4d4a3b6bb0929df156c14150f459675b0943b69b9019074d1124d6c39
david@david-VirtualBox:~/Sites/wordpress$ docker run -d --name wordpress \
--link wordpress-db:mysql \
--mount type=bind,source="$(pwd)"/target,target=/var/www/html \
-e WORDPRESS_DB_USER=manager \
-e WORDPRESS_DB_PASSWORD=secret \
-p 8080:80 \
wordpress:4.9.8
ade7cacd78fcec6082f3d42bbb66e620947f2d32579b4f15b5317d4fe2398e52
david@david-VirtualBox:~/Sites/wordpress$
```

Hay que volver instalar wordpress