# **Almacenamiento**

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Ejercicio 1

Ejercicio 2

Ejercicio 3

Ejercicio 4

Ejercicio 5

## **Ejercicio 1**

Pantallazos donde se vean los contenedores creados y en ejecución

```
docker run -d --name mariaDB --network redbd -e MYSQL_ROOT_PASSWORD=root -v /home/applewepple/Escritorio/almacen;/var/lib/mysql -p 3306:3306 mariadb docker run --network redbd --link mariaDB:mari -p 8080:8080 adminer docker ps -a
```

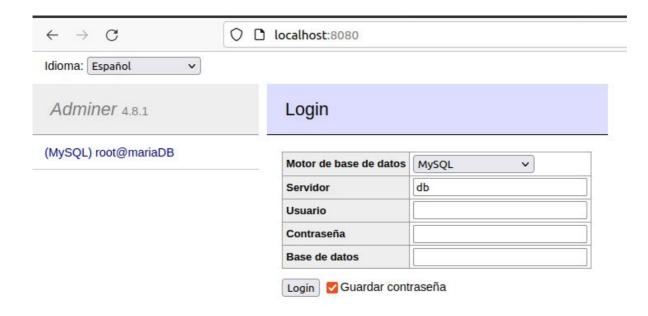
applewepple@applewepple-VirtualBox:~\$ docker run -d --name mariaDB --network red bd -e MYSQL\_ROOT\_PASSWORD=root -v /home/applewepple/Escritorio/almacen:/var/lib/ mysql -p 3306:3306 mariadb

```
applewepple@applewepple-VirtualBox:~$ docker run --network redbd --link mariaDB:
mari -p 8080:8080 adminer
```

```
applewepple@applewepple-VirtualBox:~$ sudo docker ps -a
[sudo] contraseña para applewepple:
CONTAINER ID
              IMAGE
                         COMMAND
                                                   CREATED
                                                                     STATUS
              PORTS
                                                           NAMES
cc8a8691c54a
                         "entrypoint.sh docke..."
                                                   39 seconds ago
                                                                     Up 38 seconds
               adminer
              0.0.0.0:8080->8080/tcp, :::8080->8080/tcp
                                                           jovial_feistel
2bd941ef639a
               adminer
                         "entrypoint.sh docke..."
                                                   5 minutes ago
                                                                     Exited (0) 3
minutes ago
                                                            pensive_elgamal
4a743cbde4d6
               adminer
                         "entrypoint.sh docke..."
                                                   6 minutes ago
                                                                     Created
                                                            eloquent_germain
f8a85d583212
               mariadb
                          "docker-entrypoint.s..."
                                                   8 minutes ago
                                                                     Up 8 minutes
              0.0.0.0:3306->3306/tcp, :::3306->3306/tcp
                                                           mariaDB
```

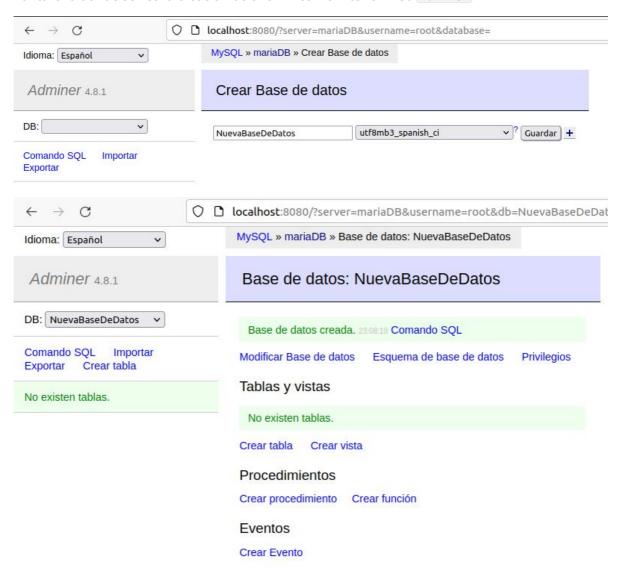
## **Ejercicio 2**

Pantallazo donde se vea el acceso a la BD a través de la interfaz web de Adminer



## **Ejercicio 3**

Pantallazo donde se vea la creación de una BD con la interfaz web Adminer



#### **Ejercicio 4**

Pantallazo donde se entre a la consola del servidor web en modo texto y se compruebe que se ha creado la BD

```
docker exec -it mariaDB bash -c 'mysql -uroot -p$MYSQL_ROOT_PASSWORD'
show databases
```

```
applewepple@applewepple-VirtualBox:~$ docker exec -it mariaDB bash -c 'mysql -ur
oot -p$MYSQL_ROOT_PASSWORD'
Welcome to the MariaDB monitor. Commands end with ; or g.
Your MariaDB connection id is 7
Server version: 10.6.5-MariaDB-1:10.6.5+maria~focal mariadb.org binary distribut
ion
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MariaDB [(none)]> show databases;
 Database
NuevaBaseDeDatos
 information_schema
 mysql
 performance_schema
 sys
 rows in set (0.000 sec)
```

## **Ejercicio 5**

Borrar los contenedores, la red y los volúmenes utilizados

```
docker rm $(docker ps -a -q)
docker network rm redbd
docker rm -v almacen
```

```
applewepple@applewepple-VirtualBox:~$ docker network ls
                        DRIVER
                                  SCOPE
NETWORK ID
              NAME
                                   local
c7136980df4c
              bridge
                        bridge
15d2a9bb9ecd
                        host
                                  local
              host
f1685a3d4957
              none
                        null
                                  local
applewepple@applewepple-VirtualBox:~$ docker volume ls
DRIVER
         VOLUME NAME
applewepple@applewepple-VirtualBox:~$ docker ps
                       COMMAND
CONTAINER ID IMAGE
                                 CREATED
                                           STATUS
                                                       PORTS
                                                                 NAMES
applewepple@applewepple-VirtualBox:~$ docker ps -a
CONTAINER ID
              IMAGE
                        COMMAND
                                  CREATED
                                            STATUS
                                                       PORTS
                                                                 NAMES
```