

Docker

Se descarga la imagen de MySQL deseada.

```
C:\Windows\system32>docker pull mysql
Using default tag: latest
latest: Pulling from library/mysql
33847f680f63: Downloading [=====>] 16.19MB/27.15MB
5cb67864e624: Download complete
1a2b594783f5: Download complete
b30e406dd925: Download complete
48901e306e4c: Download complete
603d2b7147fd: Downloading [=====>] 6.31MB/13.45MB
802aa684c1c4: Download complete
715d3c143a06: Waiting
6978e1b7a511: Waiting
f0d78b0ac1be: Waiting
35a94d251ed1: Waiting
36f75719b1a9: Waiting
```

Vemos que en el listado de imágenes nos aparece la imagen deseada.

```
C:\Windows\system32>docker images
REPOSITORY          TAG          IMAGE ID      CREATED      SIZE
primeraapp          v1           c770e50c0589  11 hours ago 673MB
docker101tutorial   latest       219bf64bb9f6  6 days ago   28.2MB
mysql               latest       c60d96bd2b77  2 weeks ago  514MB
alpine/git          latest       b8f176fa3f0d  2 months ago 25.1MB
hello-world         latest       d1165f221234  5 months ago 13.3kB
C:\Windows\system32>
```

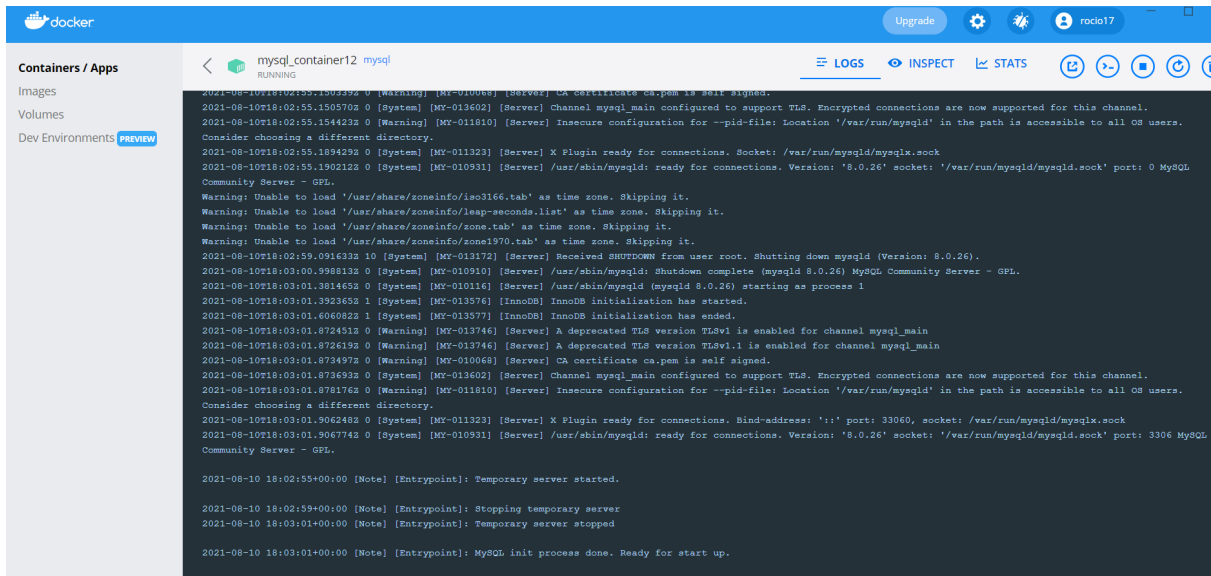
Inicializamos

```
C:\>docker run --name mysql_container -p 49160:8080 -d mysql
003133100cf8436be1e40aaf1012ad6f3c328b237a18b092d23290eba9ce1de7
```

Creamos el contenedor

```
C:\>docker run -d -p 34060:3306 --name mysql_container12 -e MYSQL_ROOT_PASSWORD=administrador mysql
45844ad7056ffa25b1ac7b44310d027c8fab84061d128dff2122b8fb4d3ce331
```

Y vemos que arranca



Entramos a MySQL

```
C:\>docker exec -it mysql_container12 mysql -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.26 MySQL Community Server - GPL

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owners.


Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

Vinculamos volumen a contenedor

```
C:\>docker run -d -p 36060:3306 --name mysql_container14 -e MYSQL_ROOT_PASSWORD=administrador --mount src=mysql_volume,dst=/var/lib/mysql mysql
1ae5d15be407558d849321d4e969f020c3594514c06cc1af8c3ac0157972971b

C:\>
```

 Administrador: Símbolo del sistema - docker exec -it mysql_container14 mysql -p

Your MySQL connection id is 8

Server version: 8.0.26 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

Database
information_schema
mysql
performance_schema
sys

4 rows in set (0.00 sec)

mysql>