
Docker and MYSQL

Una guia para la instalacion de mysql

Docker MYSQL Imagen

Windows

```
Documents IDE Downloads music public
(base) MacBook-Pro:~ MacbookAir$ docker pull mysql/mysql-server:latest
```

MacOS M1 and LINUX

```
pull an image or a repository from a registry
[(base) MacBook-Pro:~ MacbookAir$ docker pull --platform=linux/amd64 mysql/mysql-server:latest
latest: Pulling from mysql/mysql-server
cdd8b07c6082: Pull complete
c2f1720beca1: Pull complete
39f143a8d6de: Downloading [=====> ] 89.67MB/98.49MB
118a8285b641: Download complete
b45cbcaf75c7: Download complete
d4574372e600: Download complete
1f565a3cbc52: Download complete
```

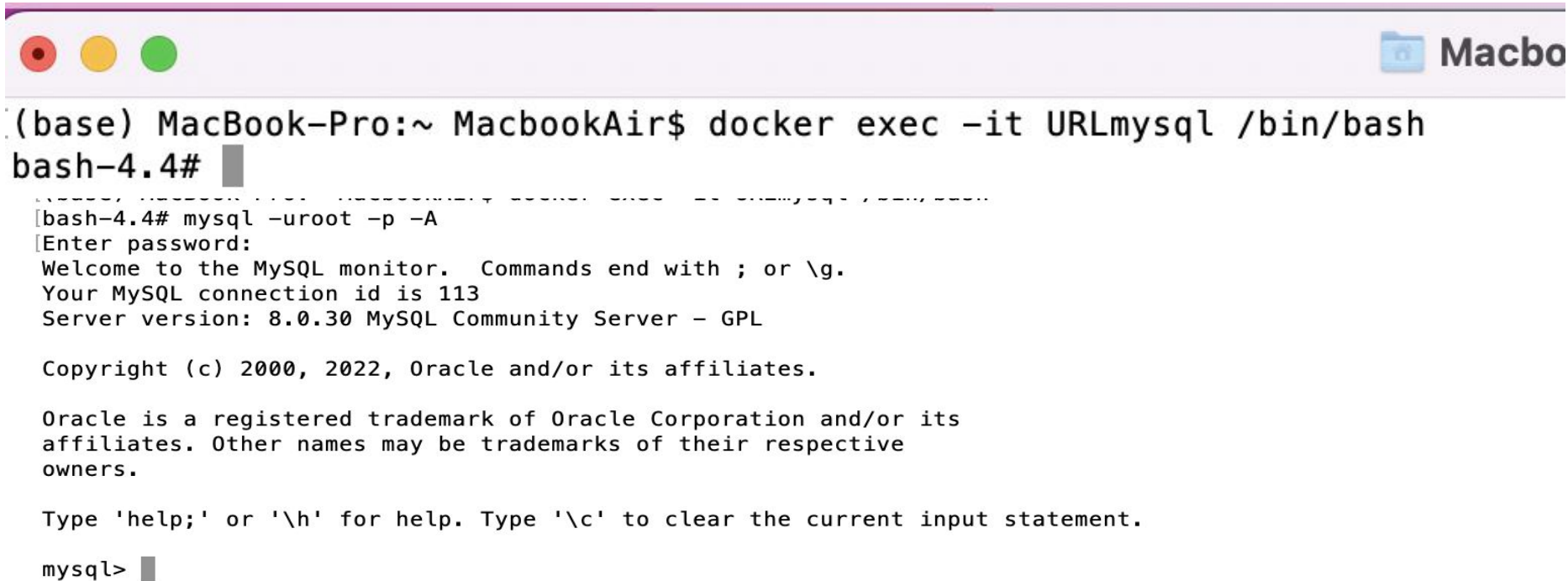
Docker MYSQL RUN

```
mysql/mysql-server:latest /entrypoint.sh mysql 38 minutes ago Up 38 minutes (healthy) 33060-33061/tcp, 0.0.0.0:3307->3306/tcp
(base) MacBook-Pro:~ MacbookAir$ docker run -p 3307:3306 --name URLmysql -e MYSQL_ROOT_PASSWORD=root -d mysql/mysql-server:latest
```

```
(base) MacBook-Pro:~ MacbookAir$ docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS              PORTS                               NAMES
5684b0bf0d57   mysql/mysql-server:latest          "/entrypoint.sh mysql..." 38 minutes ago Up 38 minutes (healthy) 33060-33061/tcp, 0.0.0.0:3307->3306/tcp URLmysql

(base) MacBook-Pro:~ MacbookAir$ docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS              PORTS                               NAMES
5684b0bf0d57   mysql/mysql-server:latest          "/entrypoint.sh mysql..." 43 minutes ago Up 43 minutes (healthy) 33060-33061/tcp, 0.0.0.0:3307->3306/tcp URLmysql
a2c9f2c6f9e9   mysql/mysql-server:latest          "/entrypoint.sh mysql..." 54 minutes ago Exited (0) 52 minutes ago                               vigilant_sanderson
c793eada52ff   mysql:5.7.35                       "docker-entrypoint.s..." 6 days ago     Exited (255) About an hour ago 3306/tcp, 33060/tcp               suspicious_shtern
```

Docker MYSQL -grants

A terminal window with a light purple title bar. On the left are three colored window control buttons (red, yellow, green). On the right is a folder icon and the text 'Macbo'. The terminal content shows a Docker command being executed, followed by a MySQL login prompt and a successful login into the MySQL monitor.

```
(base) MacBook-Pro:~ MacbookAir$ docker exec -it URLmysql /bin/bash
bash-4.4# █
[base] ...
[base-4.4# mysql -uroot -p -A
[Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 113
Server version: 8.0.30 MySQL Community Server - GPL

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owners.

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

mysql> █
```

```
mysql> select user,host from mysql.user;
```

user	host
root	%
healthchecker	localhost
mysql.infoschema	localhost
mysql.session	localhost
mysql.sys	localhost

```
5 rows in set (0.02 sec)
```

```
mysql> █
```

```
mysql> update mysql.user set host = '%' where user = 'root';  
Query OK, 0 rows affected (0.03 sec)  
Rows matched: 1  Changed: 0  Warnings: 0
```

```
mysql> █
```

```
mysql> flush privileges;  
Query OK, 0 rows affected (0.05 sec)
```

```
mysql> █
```

```
bash-4.4# mysql -uroot -p -P3307 -hlocalhost
```

```
Enter password:
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
```

```
Your MySQL connection id is 128
```

```
Server version: 8.0.30 MySQL Community Server - GPL
```

```
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```

```
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affiliates. Other names may be trademarks of their respective  
owners.
```

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

```
mysql> █
```

MySQL Workbench

Setup New Connection

Connection Name:

Type a name for the connection

Connection Method:

Method to use to connect to the RDBMS

Parameters

SSL

Advanced

Hostname:

Port:

Name or IP address of the server host - and TCP/IP port.

Username:

Name of the user to connect with.

Password:

The user's password. Will be requested later if it's not set.

Default Schema

Store Password For Connection

Please enter password for the following service:



Service: Mysql@127.0.0.1:3307

User: root

Password:



Schemas

 Query 1

Context Help

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

- Startup / Shutdown
- Server Logs
- Options File

- Dashboard
- Performance Reports
- Performance Schema Setup

Session

No object selected

```
1 • show databases;
```

100% 16:1

Result Grid

Filter Rows:

Search

Export:



	Database	
▶	information_schema	
▶	mysql	
	performance_schema	
▶	sys	

Result 1

 Read Only

Automatic con disabled. Use to manually g the current ca or to toggle a help

Result Grid

Form
Editor

Field Types