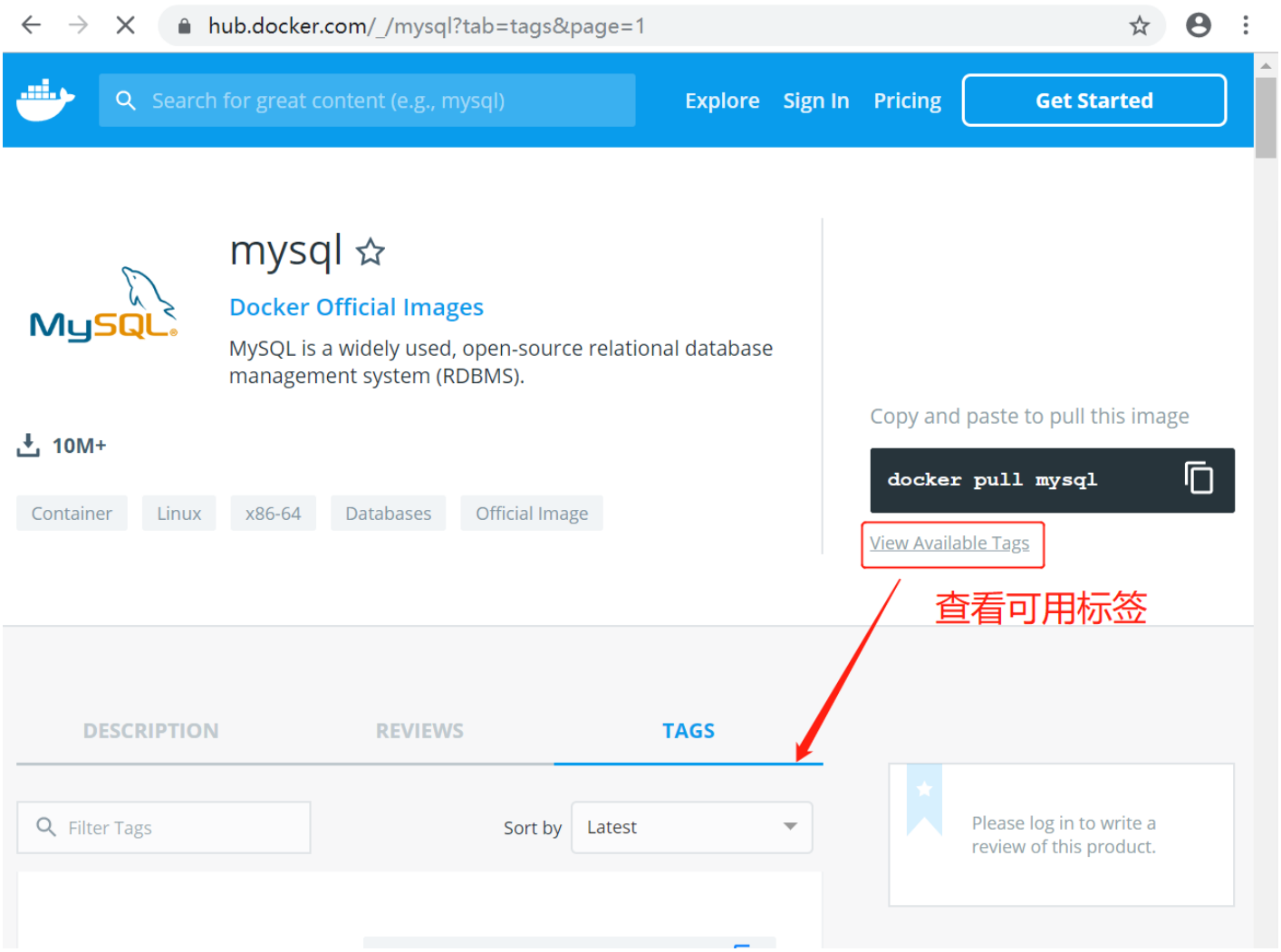
Docker MySQL

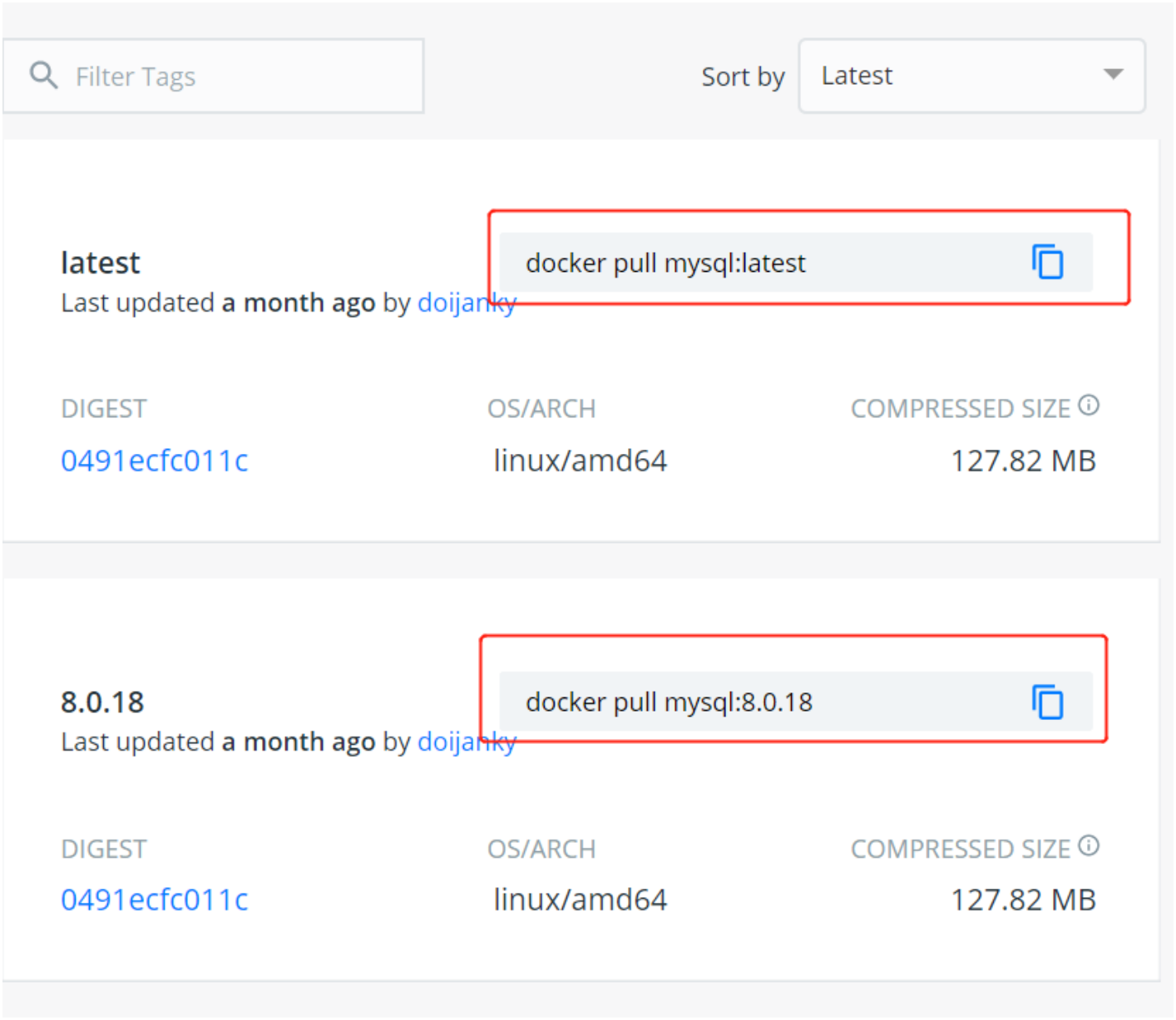
MySQL MySQL Web

1 MySQL

MySQLhttps://hub.docker.com/_/mysql?tab=tags

`Sort by` `MySQL` `mysql:latest`





`docker search mysql`

```
$ docker search mysql
NAME                     DESCRIPTION                                     STARS     OFFICIAL
AUTOMATED
mysql                    MySQL is a widely used, open-source relati...   2529      [OK]
mysql/mysql-server       Optimized MySQL Server Docker images. Crea...   161
[OK]
centurylink/mysql        Image containing mysql. Optimized to be li...   45
[OK]
sameersbn/mysql                                                          36
[OK]
google/mysql             MySQL server for Google Compute Engine          16
[OK]
```

```
appcontainers/mysql      Centos/Debian Based Customizable MySQL Con...   8
[OK]
marvambass/mysql         MySQL Server based on Ubuntu 14.04              6
[OK]
drupaldocker/mysql       MySQL for Drupal                                2
[OK]
azukiapp/mysql           Docker image to run MySQL by Azuki - http:...   2
[OK]
...
```

2 MySQL

```
$ docker pull mysql:latest
```

```
$ docker pull mysql:latest
latest: Pulling from library/mysql
80369df48736: Pull complete
e8f52315cb10: Pull complete
cf2189b391fc: Pull complete
cc98f645c682: Pull complete
27a27ac83f74: Pull complete
fa1f04453414: Pull complete
d45bf7d22d33: Pull complete
3dbac26e409c: Pull complete
9017140fb8c1: Pull complete
b76dda2673ae: Pull complete
bea9eb46d12a: Pull complete
e1f050a38d0f: Pull complete
Digest: sha256:7345ce4ce6f0c1771d01fa333b8edb2c606ca59d385f69575f8e3e2ec6695eee
Status: Downloaded newer image for mysql:latest
docker.io/library/mysql:latest
```

3

mysql

```
$ docker images
```

```
$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
ubuntu              latest              775349758637        10 days ago         64.2MB
mysql               latest              c8ee894bd2bd        3 weeks ago         456MB
centos              centos7             67fa590cfc1c        2 months ago        202MB
```

latest mysql

4

mysql

```
$ docker run -itd --name mysql-test -p 3306:3306 -e MYSQL_ROOT_PASSWORD=123456 mysql
```

- -p 3306:3306 3306 ip:3306:3306 MySQL
- MYSQL_ROOT_PASSWORD=123456 MySQL root

```
$ docker run -itd --name mysql-test -p 3306:3306 -e MYSQL_ROOT_PASSWORD=123456 mysql
4ba1ede9bacb40c7f83c875d0db49e443963348a339aad3c8
```

5

`docker ps`

```
$ docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED             STATUS              PORTS                               NAMES
ba5e950b27c4        mysql               "docker-entrypoint.s…"   2 minutes ago       Up 2 minutes        0.0.0.0:3306->3306/tcp, 33060/tcp   mysql-test
618230034a10        centos:centos7      "/bin/bash"              2 hours ago         Up 2 hours                                              centos-test
b62f21493eba        ubuntu              "/bin/bash"              3 hours ago         Up 3 hours                                              ubuntu-test
```

`root` `123456` `MySQL`

```
root@ba5e950b27c4:/# mysql -h localhost -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 8.0.18 MySQL Community Server - GPL

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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>
```

```
#
systemctl list-units --type=service
#
systemctl list-unit-files | grep enable
#
```

```
systemctl enable docker.service
#
systemctl disable docker.service

docker image pull mysql:5.7.28

# docker



#    --restart=always

docker run -id --restart=always -e MYSQL_ROOT_PASSWORD=2019@eagle --name mysql -v
/mysql/data:/var/lib/mysql -v /etc/localtime:/etc/localtime -p 3306:3306 mysql:5.7.28

#



docker container update --restart=always mysql

no
on-failure              0
on-failure:3                3
always
unless-stopped                Docker
```

```
Flag□Description
no□□     . (  value)
on-failure □   error  (       0)
unless-stopped □    stop  Docker stoped/restarted
always □    stop  Docker stoped/restarted
```

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