

Docker MySQL

MySQL

MySQL


Web


1 MySQL

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mysql ☆

Docker Official Images


MySQL is a widely used, open-source relational database management system (RDBMS).

↓ 10M+

Container Linux x86-64 Databases Official Image

Copy and paste to pull this image

```
docker pull mysql
```




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latest

Last updated a month ago by [doijankey](#)

docker pull mysql:latest

| DIGEST | OS/ARCH | COMPRESSED SIZE ⓘ |
|------------------------------|-------------|-------------------|
| 0491ecfc011c | linux/amd64 | 127.82 MB |

8.0.18

Last updated a month ago by [doijankey](#)

docker pull mysql:8.0.18

| DIGEST | OS/ARCH | COMPRESSED SIZE ⓘ |
|------------------------------|-------------|-------------------|
| 0491ecfc011c | linux/amd64 | 127.82 MB |

```
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
falbf04453414: Pull complete
d45bf7d22d33: Pull complete
3dbac26e409c: Pull complete
9017140fb8c1: Pull complete
b76dda2673ae: Pull complete
bea9eb46d12a: Pull complete
elf050a38d0f: Pull complete
Digest: sha256:7345ce4ce6f0c1771d01fa333b8edb2c606ca59d385f69575f8e3e2ec6695eee
Status: Downloaded newer image for mysql:latest
docker.io/library/mysql:latest
```

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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

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mysql

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

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

```
$ docker run -itd --name mysql-test -p 3306:3306 -e MYSQL_ROOT_PASSWORD=123456 mysql  
4balede9bacb40c7f83c875d0db49e443963348a339aad3c8
```

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```
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  
  
Copyright (c) 2000, 2019, Oracle and/or its affiliates. All rights reserved.  
  
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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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