

# 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 ⓘ
<a href="#">0491ecfc011c</a>	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 ⓘ
<a href="#">0491ecfc011c</a>	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
fal5f04453414: 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
```

## 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

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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
```

5

```
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

Revision #2

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