

root@1c46e613cb3a: /

```
migel@Linux-3:~$ mkdir GB
migel@Linux-3:~$ cd GB
migel@Linux-3:~/GB$ mkdir mydb
migel@Linux-3:~/GB$ docker run --name test-mariadb-SV -e MARIADB_ROOT_PASSWORD=test123 -v ./mydb:/var/lib/mysql -d mariadb:10.10.2
docker: permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://%2Fvar%2Frun%2Fdocker.sock/v1.24/containers/create?name=test-mariadb-SV": dial unix /var/run/docker.sock: connect: permission denied.
See 'docker run --help'.
migel@Linux-3:~/GB$ sudo docker run --name test-mariadb-SV -e MARIADB_ROOT_PASSWORD=test123 -v ./mydb:/var/lib/mysql -d mariadb:10.10.2
[sudo] password for migel:
Unable to find image 'mariadb:10.10.2' locally
10.10.2: Pulling from library/mariadb
10ac4908093d: Pull complete
44779101e748: Pull complete
a721db3e3f3d: Pull complete
1850a929b84a: Pull complete
397a918c7da3: Pull complete
806be17e856d: Pull complete
634de6c90876: Pull complete
cd00854cfb1a: Pull complete
Digest: sha256:bfc25a68e113de43d0d112f5a7126df8e278579c3224e3923359e1c1d8d5ce6e
Status: Downloaded newer image for mariadb:10.10.2
1c46e613cb3ab2f02a816ab3ef625328cc155f8f85b116e367fc1974240e8033
migel@Linux-3:~/GB$ docker ps
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.24/containers/json": dial unix /var/run/docker.sock: connect: permission denied
migel@Linux-3:~/GB$ sudo docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS          NAMES
1c46e613cb3a   mariadb:10.10.2 "docker-entrypoint.s..." 28 seconds ago Up 26 seconds 3306/tcp       test-mariadb-SV
migel@Linux-3:~/GB$ sudo docker exec -it test-mariadb-SV bash
root@1c46e613cb3a:/# ls -l
total 56
lrwxrwxrwx   1 root root    7 Jan 26 02:03 bin -> usr/bin
drwxr-xr-x   2 root root 4096 Apr 18 2022 boot
drwxr-xr-x   5 root root  340 Jul 23 05:24 dev
drwxr-xr-x   2 root root 4096 Jan 31 18:42 docker-entrypoint-initdb.d
drwxr-xr-x   1 root root 4096 Jul 23 05:24 etc
drwxr-xr-x   2 root root 4096 Apr 18 2022 home
lrwxrwxrwx   1 root root    7 Jan 26 02:03 lib -> usr/lib
lrwxrwxrwx   1 root root    9 Jan 26 02:03 lib32 -> usr/lib32
lrwxrwxrwx   1 root root    9 Jan 26 02:03 lib64 -> usr/lib64
lrwxrwxrwx   1 root root   10 Jan 26 02:03 libx32 -> usr/libx32
drwxr-xr-x   2 root root 4096 Jan 26 02:03 media
drwxr-xr-x   2 root root 4096 Jan 26 02:03 mnt
drwxr-xr-x   2 root root 4096 Jan 26 02:03 opt
dr-xr-xr-x 277 root root    0 Jul 23 05:24 proc
drwx----- 1 root root 4096 Jan 31 18:42 root
```

# MariaDB Foundation

## How to use this image

### Start a mariadb server instance

Starting a MariaDB instance with the latest version is simple:

```
$ docker run --detach --name some-mariadb --env MARIADB_USER=example-user --env MARIADB_PASSWORD=my_c
```

or:

```
$ docker network create some-network  
$ docker run --detach --network some-network --name some-mariadb --env MARIADB_USER=example-user --en
```

... where `some-network` is a newly created network (other than `bridge` as the default network), `some-mariadb` is the name you want to assign to your container, `my-secret-pw` is the password to be set for the MariaDB root user. See the list above for relevant tags to match your needs and environment.

root@1c46e613cb3a: /

```
drwxr-xr-x  1 root root 4096 Jan 26 02:06 var
```

```
root@1c46e613cb3a: /# mysql -u root -p
```

```
Enter password:
```

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

```
Your MariaDB connection id is 3
```

```
Server version: 10.10.2-MariaDB-1:10.10.2+maria~ubu2204 mariadb.org binary distribution
```

```
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
```

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

```
MariaDB [(none)]> show databases
```

```
-> ;
```

Database
information_schema
mysql
performance_schema
sys

```
4 rows in set (0.000 sec)
```

```
MariaDB [(none)]> CREATE DATABASE GB;
```

```
Query OK, 1 row affected (0.000 sec)
```

```
MariaDB [(none)]> SHOW DATABASES;
```

Database
GB
information_schema
mysql
performance_schema
sys

```
5 rows in set (0.000 sec)
```

```
MariaDB [(none)]> 
```

```
|
+-----+
4 | in set (0.000 sec)
MariaDB [(none)]> CREATE DATABASE GB;
Query OK, 1 row affected (0.000 sec)
```

```
MariaDB [(none)]> SHOW DATABASES;
```

```
+-----+
| Database |
+-----+
| information_schema |
| performance_schema |
+-----+
```

```
5 | in set (0.000 sec)
```

```
MariaDB [(none)]> exit
```

```
Bye
root@46e613cb3a:/# exit
```

```
miguel@Linux-3:~/GB$ ls -l mydb/
```

```
total 139376
-rw-rw-r-- 1 vboxadd vboxsf 16842752 июл 23 10:24 aria_log.00000001
-rw-rw-r-- 1 vboxadd vboxsf 52 июл 23 10:24 aria_log_control
-rw-rw-r-- 1 vboxadd vboxsf 9 июл 23 10:24 ddl_recovery.log
drwxrwx--- 2 vboxadd vboxsf 4096 июл 23 10:30 GB
-rw-rw-r-- 1 vboxadd vboxsf 868 июл 23 10:24 ib_buffer_pool
-rw-rw-r-- 1 vboxadd vboxsf 12582912 июл 23 10:24 ibdata1
-rw-rw-r-- 1 vboxadd vboxsf 100663296 июл 23 10:26 ib_logfile0
-rw-rw-r-- 1 vboxadd vboxsf 12582912 июл 23 10:24 ibtmp1
-rw-rw-r-- 1 vboxadd vboxsf 0 июл 23 10:24 multi-master.info
drwxrwx--- 2 vboxadd vboxsf 4096 июл 23 10:24 mysql
-rw-rw-r-- 1 vboxadd vboxsf 15 июл 23 10:24 mysql_upgrade_info
drwxrwx--- 2 vboxadd vboxsf 4096 июл 23 10:24 performance_schema
drwxrwx--- 2 vboxadd vboxsf 12288 июл 23 10:24 sys
```

```
miguel@Linux-3:~/GB$
```