

Docker

- description :
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가?

- docker pull [image]
 - dockerhub
- docker images
 -
- docker run [option] [image]
 -
 - pull
- docker ps [option]
 -
- docker rm [id|name]
 -
- ex1) docker rm competent_perlman
- ex2) docker rm e56af772c419
- docker rmi [image]
 -
 - ex) docker rmi hello-world
- docker start [container]
 -
 - ex) docker start hello-world
 - run pull + start, , container 가 start가
 - start container가 stop
- docker stop [container]
 -
 - ex) docker stop hello-world
 - start running docker container

- docker exec -it [container] bash
 - ex) docker exec hello-world bash
- - (scp)

```
$> sudo docker cp [host ] [container name]:[container ]
```

* docker cp -

MariaDB

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```
1. (Ubuntu 20.04.1 LTS )
C:\User\jurepi> docker pull mariadb
2. 가
C:\User\jurepi> docker image ls
3.
C:\User\jurepi> docker run --name mariadb -d -p 3306:3306 -e
MYSQL_ROOT_PASSWORD=mariadb mariadb
--name :
-d :
-p : port
-e :
4.
C:\User\jurepi> docker ps
5.
C:\User\jurepi> docker exec -it mariadb /bin/bash
```

(Ubuntu)

```
1.
root@jurepi:/# mysql -u root -p mariadb
2. vi
root@jurepi:/# apt-get update && apt-get install vim
3. global conf 가
root@jurepi:/# vi /etc/mysql/my.cnf
[client]
default-character-set = utf8mb4

[mysql]
```

```
default-character-set = utf8mb4
```

```
[mysqld]  
character-set-client-handshake = FALSE  
character-set-server = utf8mb4  
collation-server = utf8mb4_unicode_ci
```

Linux

docker-compose.yml

```
version: '3.8'  
  
services:  
  centos8:  
    hostname: centos8  
    container_name: centos8  
    privileged: true  
    user: root  
    build:  
      context: .  
      dockerfile: Dockerfile  
    stdin_open: true  
    tty: true  
    volumes:  
      - ./data:/data  
    ports:  
      - '2228:22'  
      - '2280:80'  
      - '2281:7000'  
      - '2282:7001'  
      - '2283:7002'  
      - '2284:7003'  
      - '2285:7004'  
    expose:  
      - '2228'  
      - '2280'  
      - '2281'  
      - '2282'  
      - '2283'  
      - '2284'  
      - '2285'  
    command: /sbin/init
```

Dockerfile

```
FROM centos:8  
WORKDIR /
```

```
$> docker-compose up -d
```

```
$> yum install -y openssh-server
$> vi /etc/ssh/sshd_config <-

$> yum install -y passwd
$> /usr/sbin/useradd www <-
$> yum install -y net-tools
$> yum install -y make gcc gcc-c++ libstdc++-devel
$> yum install -y unzip file crontab mlocate binutils
```

Ref

- [\[Docker\] Window Docker mariadb](#)
- [\[\] Windows 10](#)
- [\[\]](#)
- [\[Docker\] / / \(ubuntu\)](#)
- [, eleven, docker,](#)

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