Docker

- description :
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- lastupdate : 2020-12-14

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CentOS

- 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   start
  - start   container   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](#) -

Case Study

```
[[wiki:3party:docker:    DB    |    DB    (    )]]
```

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 cronie mlocate binutils
```

Ref

- [Docker] Window Docker mariadb
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- [   ] Windows 10
- [   ]
- [Docker]   /   /   (ubuntu)
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