

寫一個網頁伺服器用 docker

```
# docker run -d -p 8080:80 httpd
```

Chrome search centos ip: port
192.168.249.135:8080

It works!

```
# docker ps
```

ID

```
# docker exec -it [ID] bash
```

```
# ls
```

```
# cd htdocs
```

```
# ls
```

```
# echo "omo" > hi.html
```

```
# ls
```

hi.html

Chrome search 192.168.249.135:8080/hi.html

omo

容器關閉之後在啟動，裡面的東西就不見了

```
# docker rm -f [ID]
```

```
# docker run -d -p 8080:80
```

Chrome search 192.168.249.135:8080/hi.html

Not Found

把有 hi.html 的容器做成 image

```
# docker commit [ID] httpd:v1
```

```
# docker rm -f [ID]
```

```
# docker run -d -p 8080:80 httpd:v1
```

Chrome search 192.168.249.135:8080/hi.html

omo

將虛擬機的資料映射 docker 環境中

建立資料夾再到示界面建立網頁

```
# mkdir -p /mydata
```

```
# cd /mydata
```

```
# echo "hi" > hi.htm
```

```
# echo "hello" > hello.htm
```

啟動 image

docker run -d -p 8080:80 -v ^{本地端資料夾} /mydata/:/usr/local/apache2/htdocs httpd

Chrome search 192.168.249.135:8080/hi.htm
192.168.249.135:8080/hello.htm

能顯示文件

cd /mydata
echo "1" > 1.htm

Chrome search 192.168.249.135:8080/1.htm
1

docker exec -it [ID] bash

cd /htdocs
echo 2 > 2.html
ls

1.htm 2.htm hi.html hello.htm

Chrome search 192.168.249.135:8080/2.htm
2

/mydata # docker rm -f [ID]
ls

1.htm 2.htm hi.html hello.htm

docker run -d -p 8080:80 -v /mydata/:/usr/local/apache2/htdocs httpd

Chrome search 192.168.249.135:8080/hi.htm
192.168.249.135:8080/hello.htm
192.168.249.135:8080/1.htm
192.168.249.135:8080/2.htm

打包 image 到別的機器上用

centos7

docker save -o httpd-v1.tar httpd:v1
ls
scp httpd-v1.tar user@[centos7-2 IP]:/tmp

centos7-2

cd /tmp
docker load -i httpd-v1.tar
docker run -d -p 8080:80 httpd:v1

上傳 DockerHub, 然後下載下來

Centos 7

重新命名 image 名稱

```
# docker tag httpd:v1 [username]/[image name]  
zixixzx / httpd:v1
```

原本名稱

```
# docker login
```

Username:

Password:

```
# docker push [username]/[image name]  
zixixzx / httpd:v1  
zixixzx / httpd:v1
```

DockerHub 就會出現 zixixzx / httpd:v1

Centos 7-2

```
# docker pull zixixzx / httpd:v1
```

```
# docker run -d -p 9999:80 zixixzx / httpd:v1
```

Chrome search centos7-2 ip:9999 /hi.htm

hi