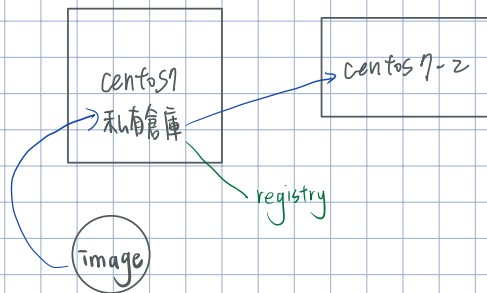


# 私有倉庫

Image 打包丟上雲端, 然後從另一台機器拉下來



① 建私有倉庫

② 建 image, image 要放到私有倉庫, 要符合名稱 (位置 / ~~帳號~~ / image 名稱: tag)

③ 上傳到私有倉庫

不是 DockerHub 不能省略

④ 下載 image

```
centos7
# docker run -d -p 5000:5000 registry
# docker images
# docker tag [ID] [centos7 ip]:5000/[image-name]:tag
# gedit /etc/docker/daemon.json
{
  "insecure-registries": ["centos7 ip:5000"]
}
# systemctl daemon-reload
# systemctl restart docker
```

image 推上去  
# docker push centos7 ip:5000/[image-name]:tag

```
centos7-2
# gedit /etc/docker/daemon.json
{
  "insecure-registries": ["centos7 ip:5000"]
}
```

```
# systemctl daemon-reload
```

```
# systemctl restart docker  
# docker pull [centos/ip]=5000/[image.name]:tag  
# docker run -d -p 80:80 centos/ip=5000/httpd  
firefox search 127.0.0.1
```

有些版本可能会互相衝突，可以用本地端資料夾對應容器資料夾，然後在容器裡執行

```
# docker search python3  
:  
# docker pull rackspacedot/python3  
# mkdir mypython  
# cp mypython  
# gedit 1.py  
print("hello world")  
# docker run -it -v /root/mypython:/mypython rackspacedot/python3 bash  
/# cd /  
/# ls  
mypython  
/# cd mypython  
/# ls  
1.py  
/# python3.7 1.py  
hello world
```

想執行1.go，但又不想安裝go的編譯器

```
# mkdir mygolang  
# cp mygolang  
# gedit 1.go  
package main  
import "fmt"  
func main() {  
    fmt.Println("hello world")  
}  
# docker search golang  
webhippie /golana
```

```

# docker pull webhippie/golang
# docker run -itv /root/mygolang:mygolang webhippie/golang bash
# cd /
# ls
# cd mygolang
# go build l.go
# ls
# exit
# cd mygoland
# ./l
hello world

```

產生新image 方法: ① 使用舊有的image, 然後安裝 or 新增 file 後, 執行 docker commit  
 ② Dockerfile, 把所有要做的事寫在一個file裡

```

# mkdir docker-test
# cd docker-test
# gedit Dockerfile

```

```

FROM centos:centos7 基礎 image
RUN yum -y install httpd
EXPOSE 80 port 80 開出來
ADD index.html /var/www/html 本地端file丟到容器的資料夾下

```

```

# gedit index.html
hello world

```

製作 image

```

# docker build -t [NAME:tag]
web:v1

```

• 用的是 Dockerfile  
 • 不可省

```

# docker images
web v1

```

```

# docker run -it -p 80:80 web:v1 bash
/# ls
index.html
/# cat index.html
hello world

```

```
/# cd /usr/sbin  
/# . apachectl -DFOREGROUND 启动网页  
chrome centos7 ip  
hello world
```

```
# gedit Dockerfile  
FROM centos:centos7  
RUN yum -y install httpd  
EXPOSE 80  
ADD index.html /var/www/html  
CMD ["/usr/sbin/apachectl", "-DFOREGROUND"] 启动网页  
# docker build -t web:v2 .  
# docker run -d -p 80:80 --rm web:v2  
结束后删除  
chrome centos7 ip  
hello world
```