

Day-1

Docker

Container

VM vs Container

Docker Image & Docker Container

Docker Image →

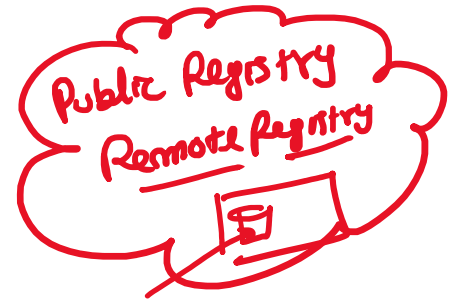
Docker Container

Build Docker Image

Container Lifecycle

Quest OS

{ pull
create
start
stop
run



Docker Hub

DTR

Docker Trusted Registry

Day-2

```
latest: Pulling from library/nginx
57259e733066: Extracting [=====] 26.54MB/28.08MB
eb410c483636: Download complete
3969991c40fb: Download complete
0c7d4bf1c590: Download complete
91cebbddace: Download complete
0af6be16d5eb: Download complete
6d7350319612: Download complete
```

Layers

Docker Images made up of Layers

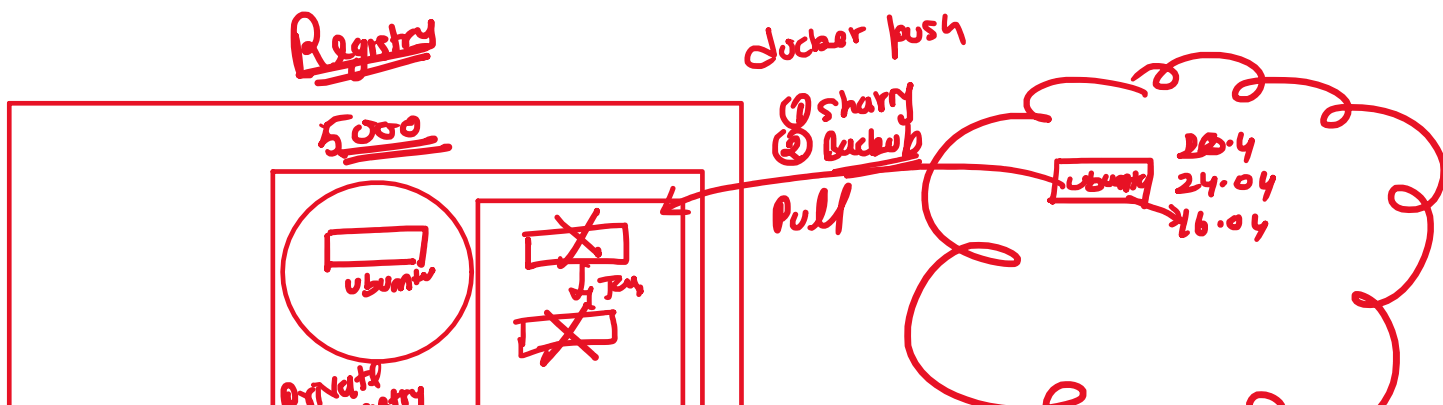
5 FROM httpd

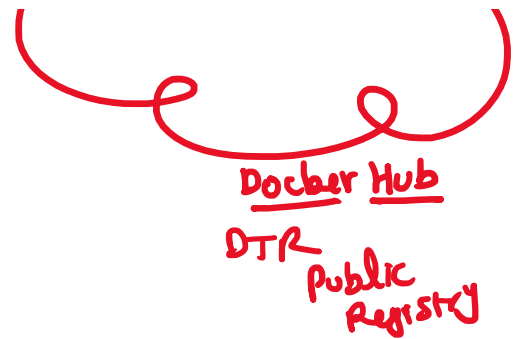
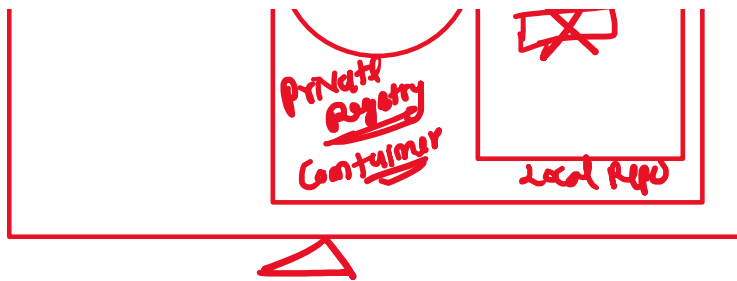
→ WORKDIR

→ COPY index.html .

→ COPY about.html .

EXPOSE 90





docker push ~~localhost:5000~~ / demo (2)

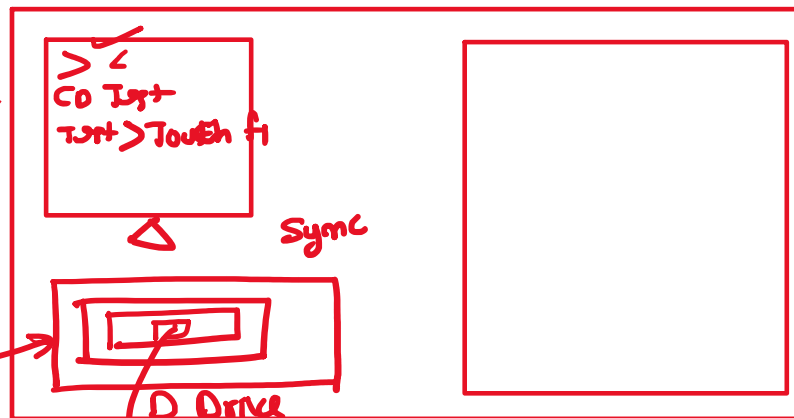
~~localhost:5000~~ (1)

Docker Volume

Data Non-Persistent

Data Persistent

Volume mapping



(slvol) volume Laptop

→ docker run -it -v (D:/demo): /Test Ubuntu /bin/bash

-v (slvol): /Test

{ Docker Network
Docker-Campuse