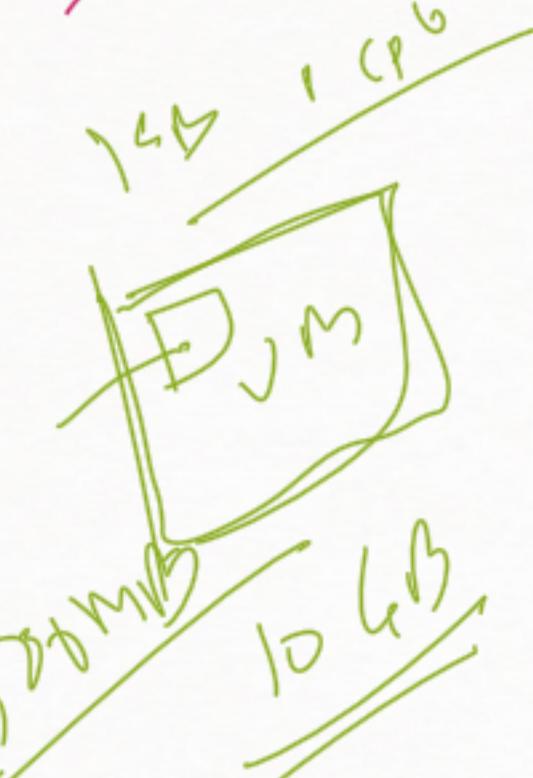
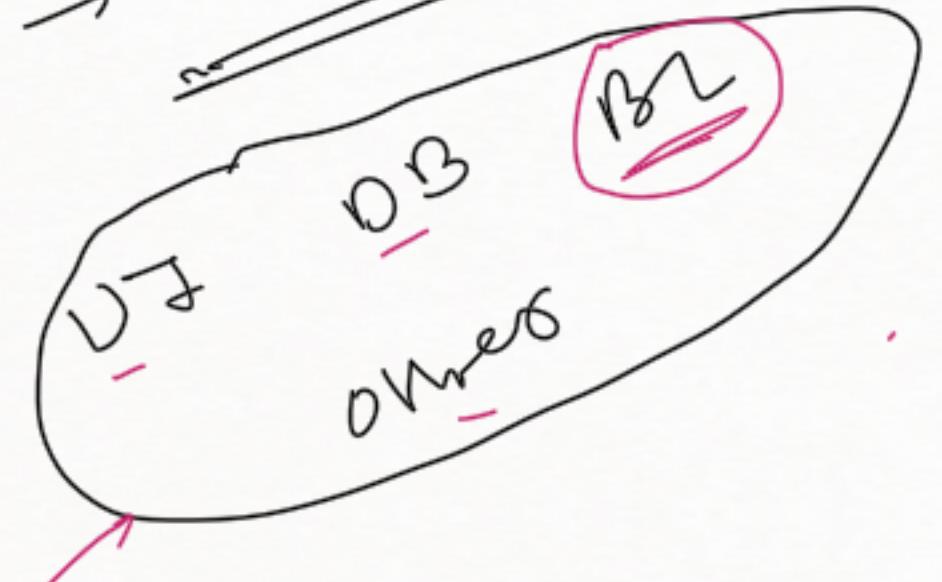


# Docker Architecture

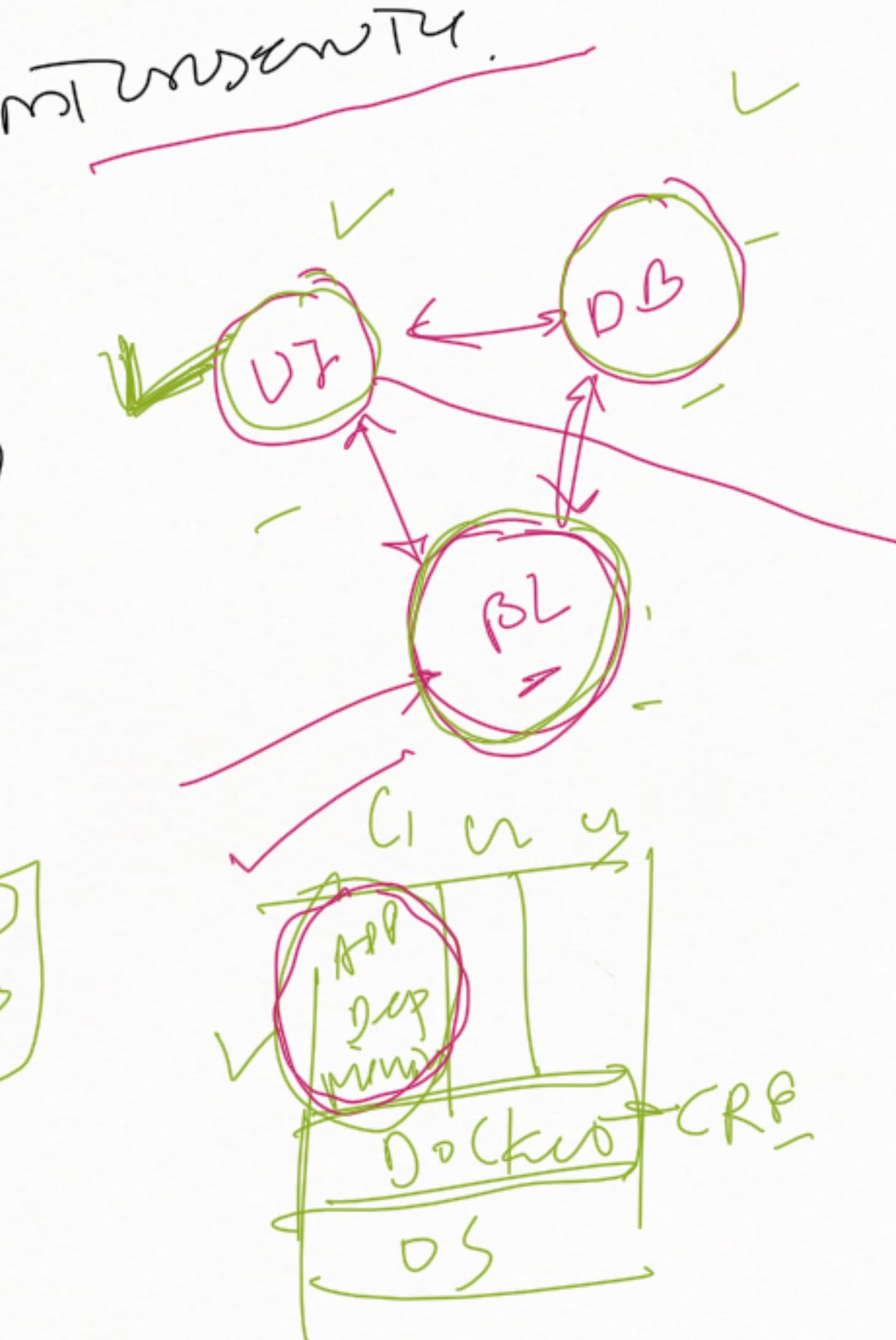
monolithic

APP → API

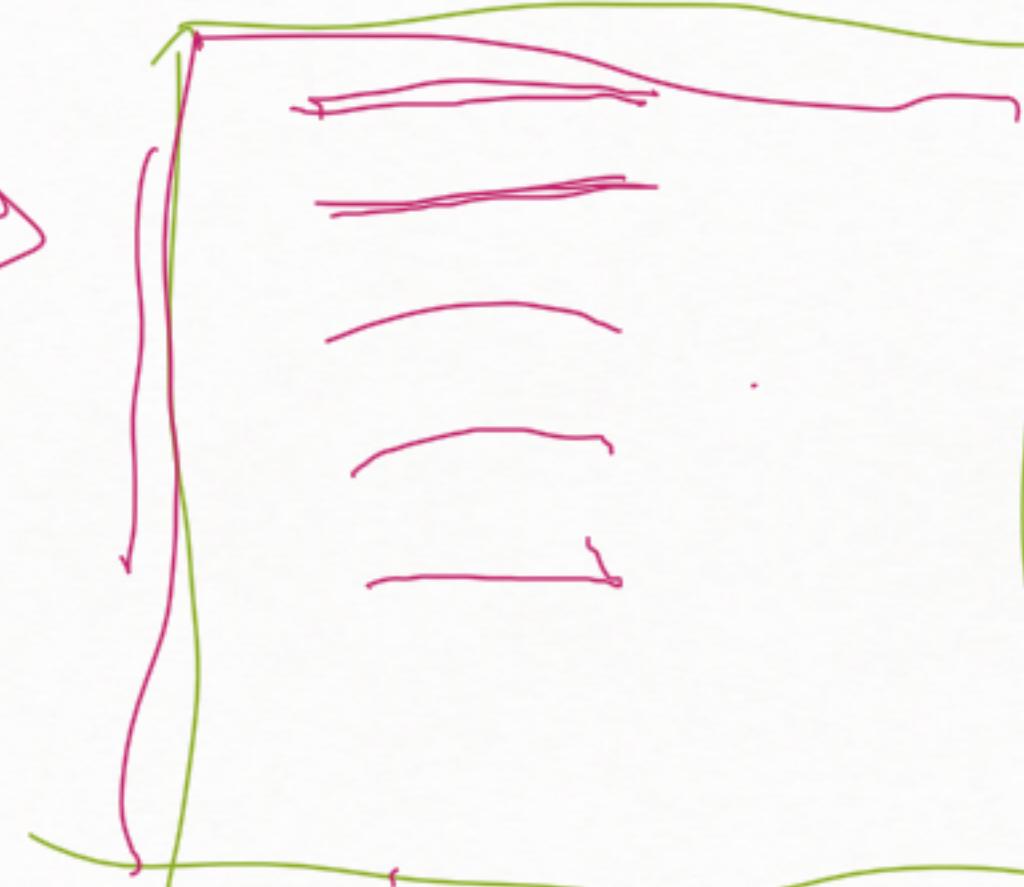


monolithic

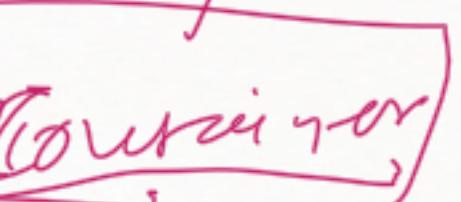
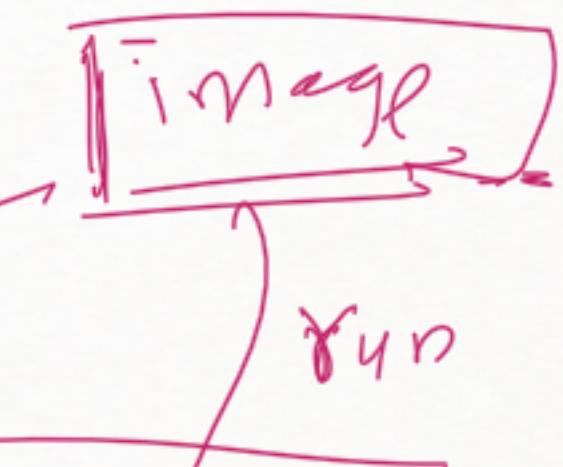
X

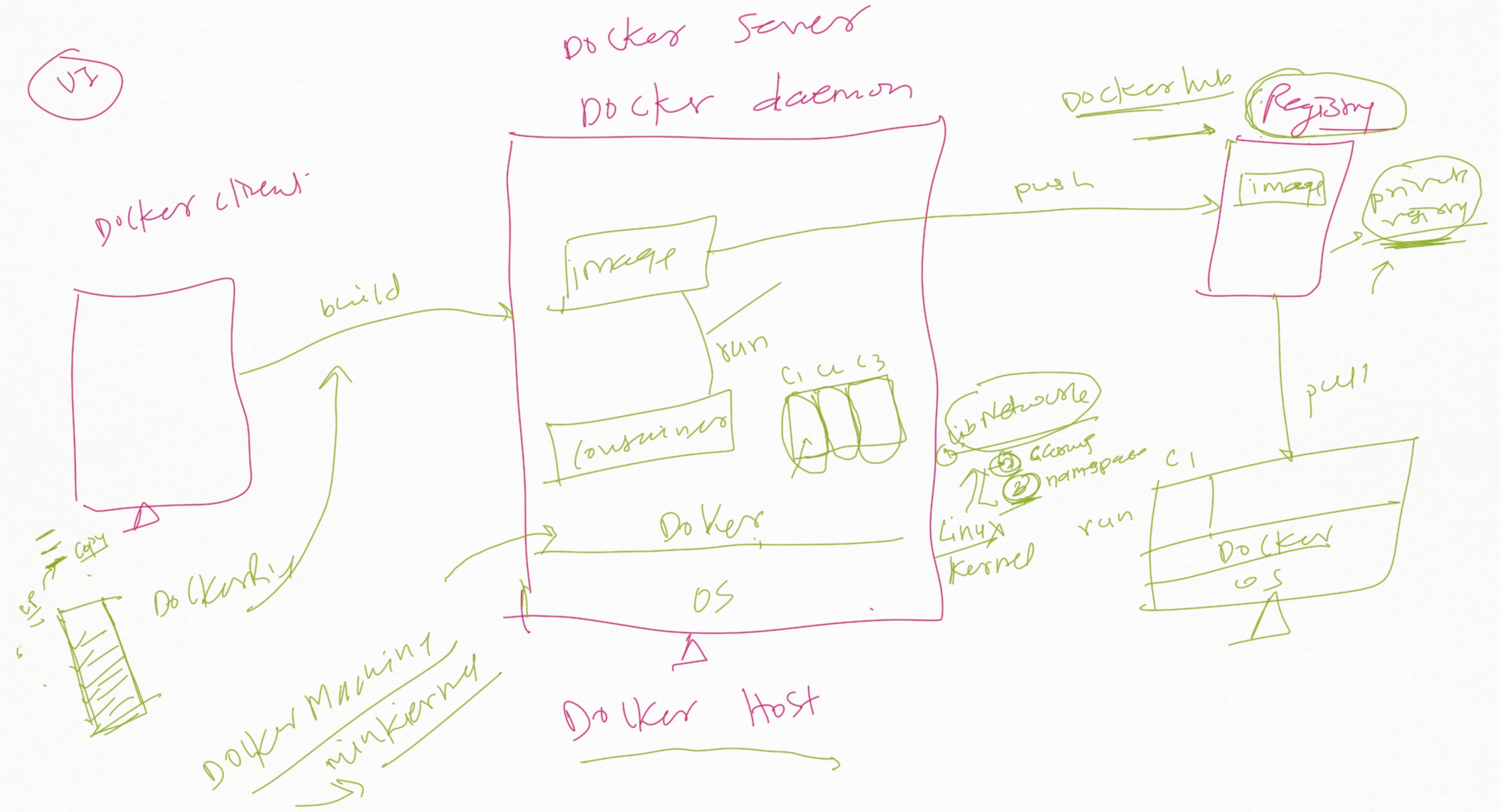


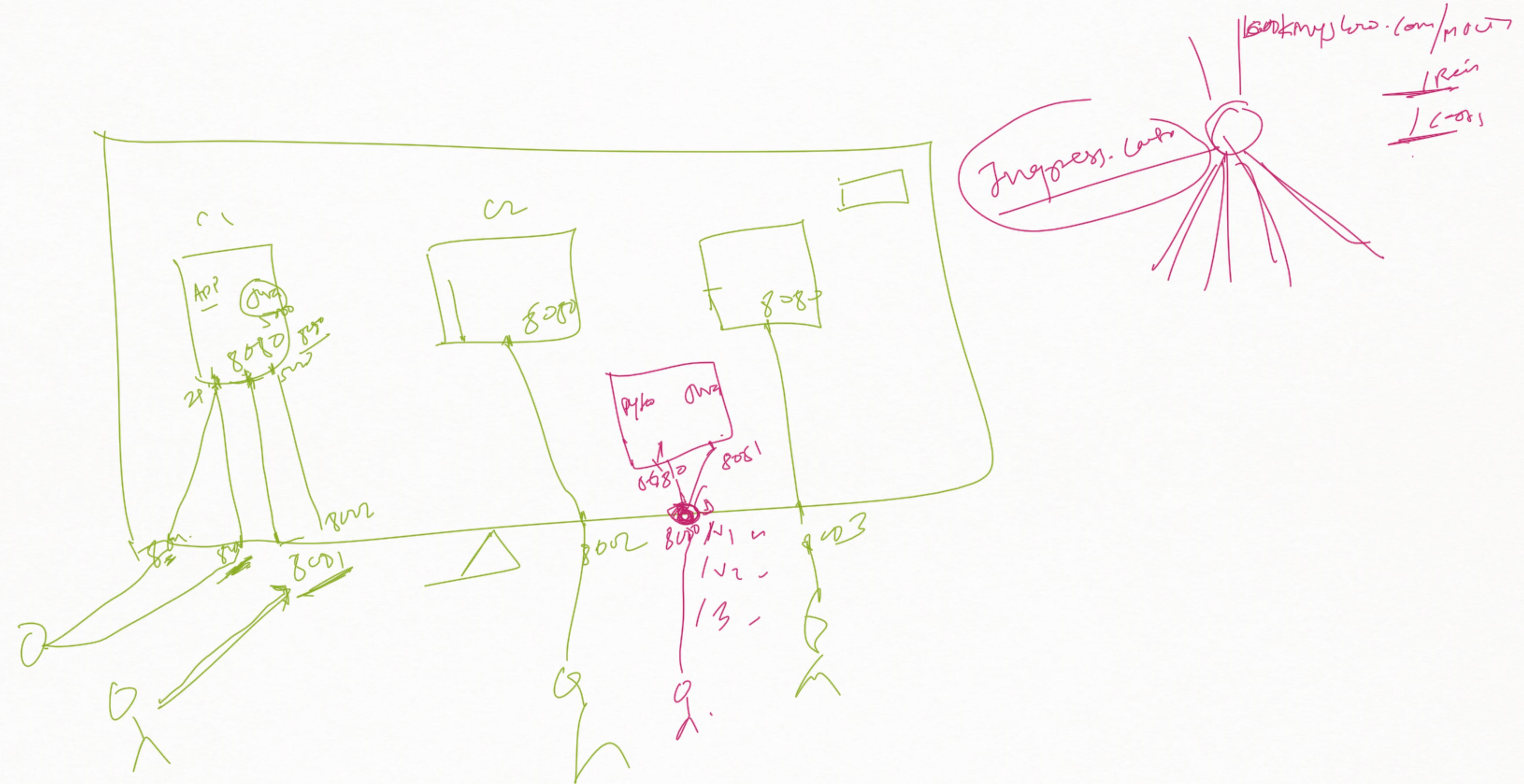
Dockerfile

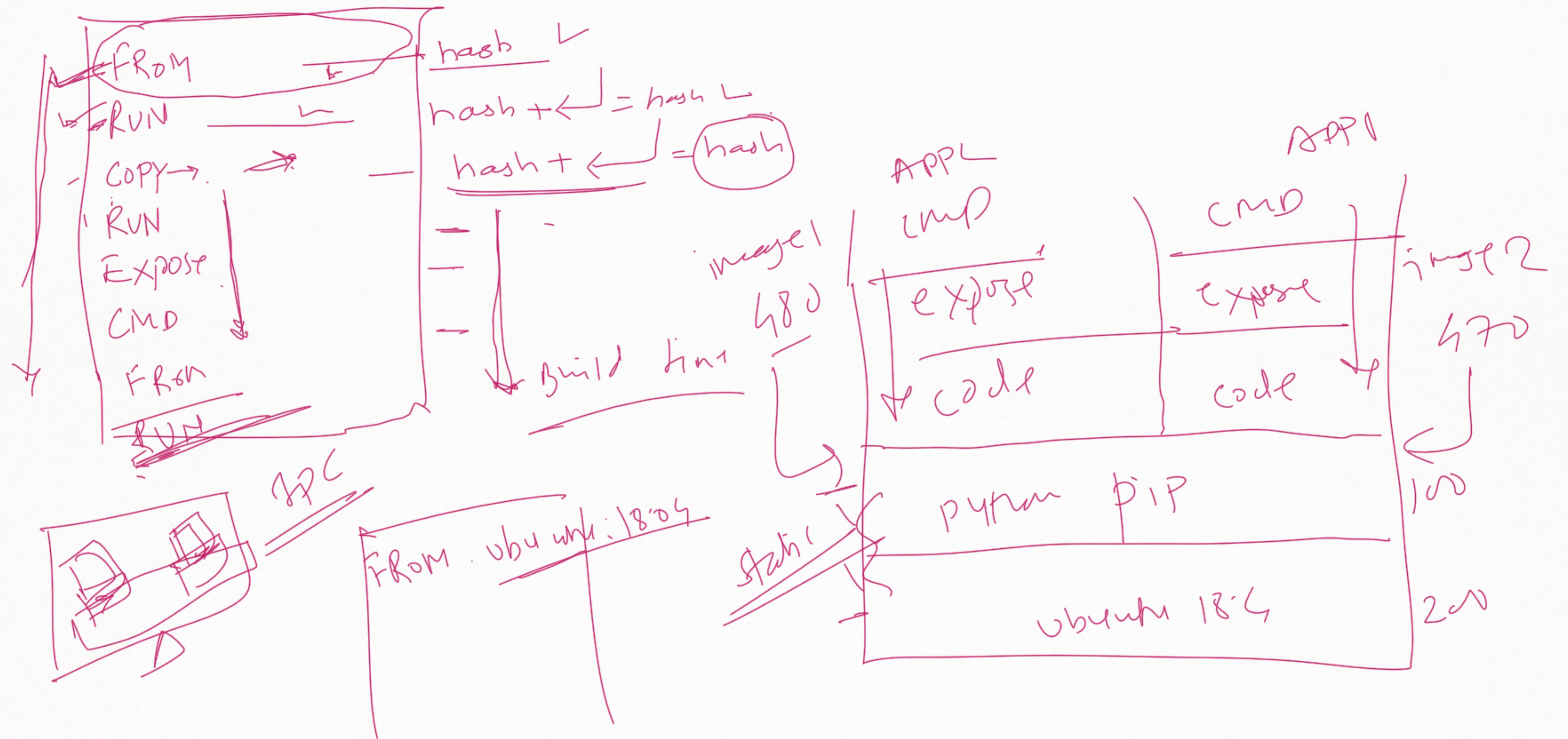


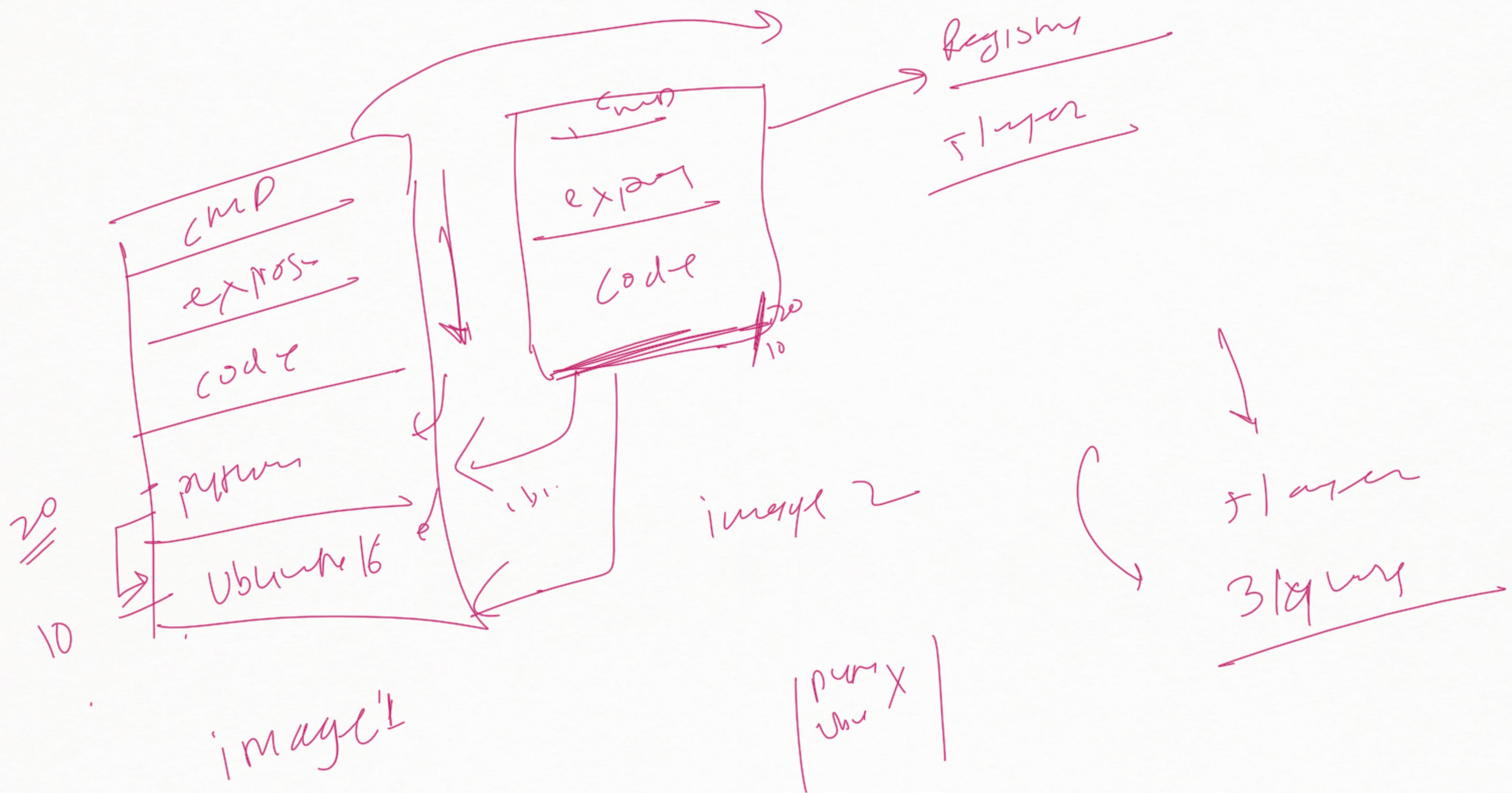
build











~~ADD~~

~~src~~

~~dest~~

~~gitrepo~~

~~1st~~

~~COPY~~

~~src~~

~~dest~~



~~APP~~

~~app.py~~

~~tmp~~

~~tmp~~

~~http://localhost/app.py~~

~~COPY~~

~~ADD~~

~~ARG~~

~~from~~

~~import~~

~~from~~

~~from~~

~~from~~

~~from~~

~~export dockto=registry~~

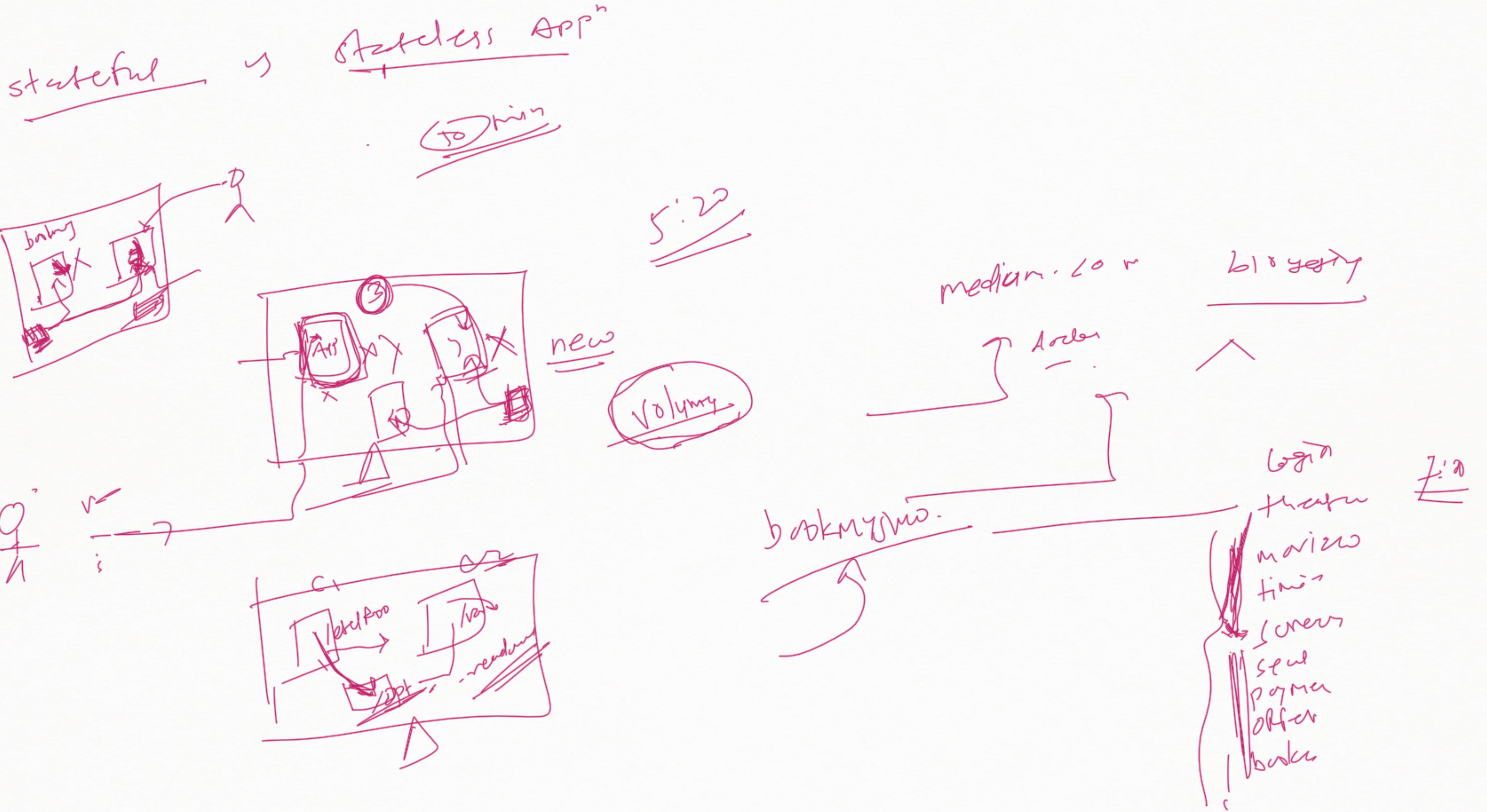
~~ABC~~

~~def fromdockto~~

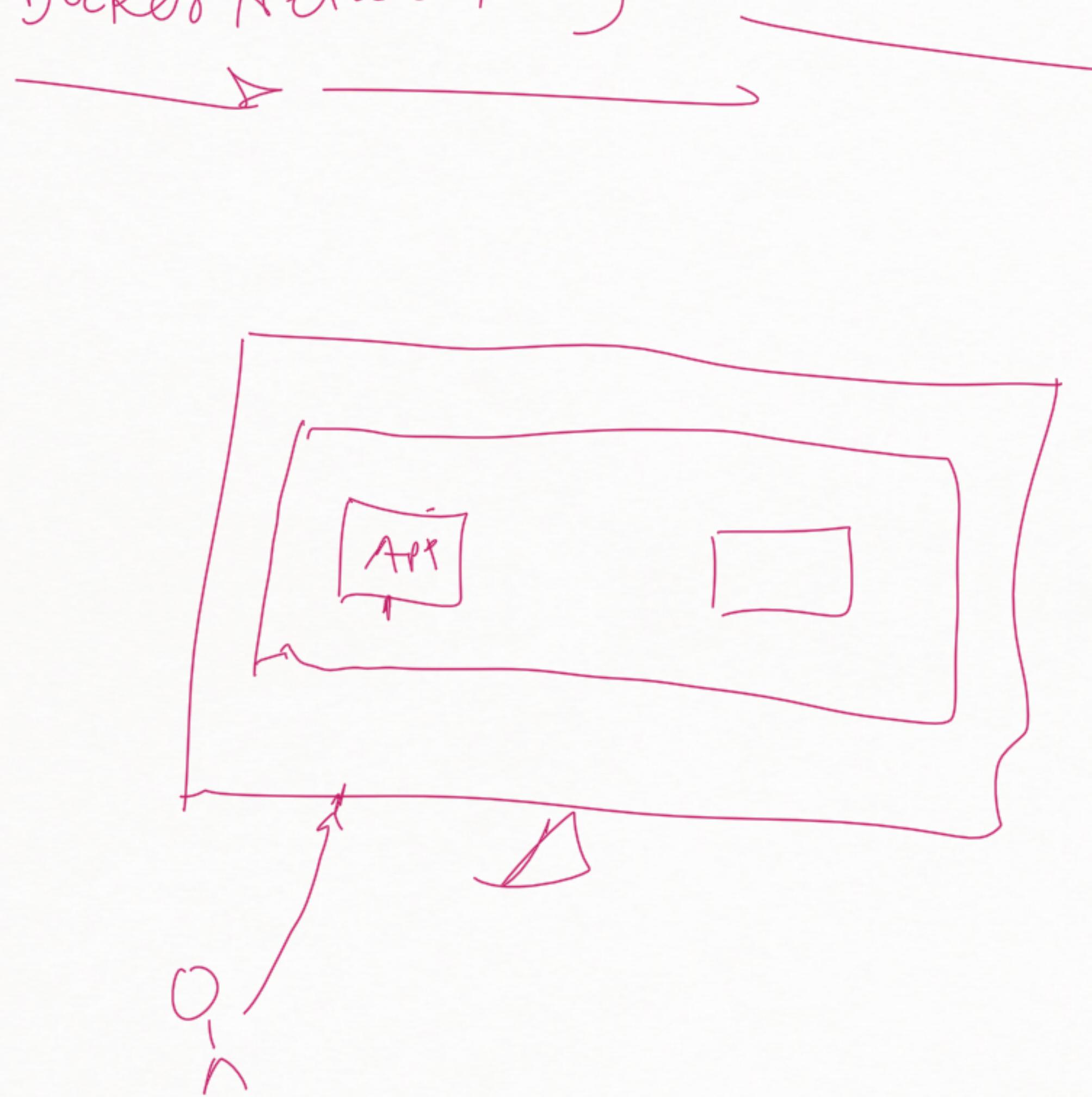
~~Hello~~

~~from dockto~~

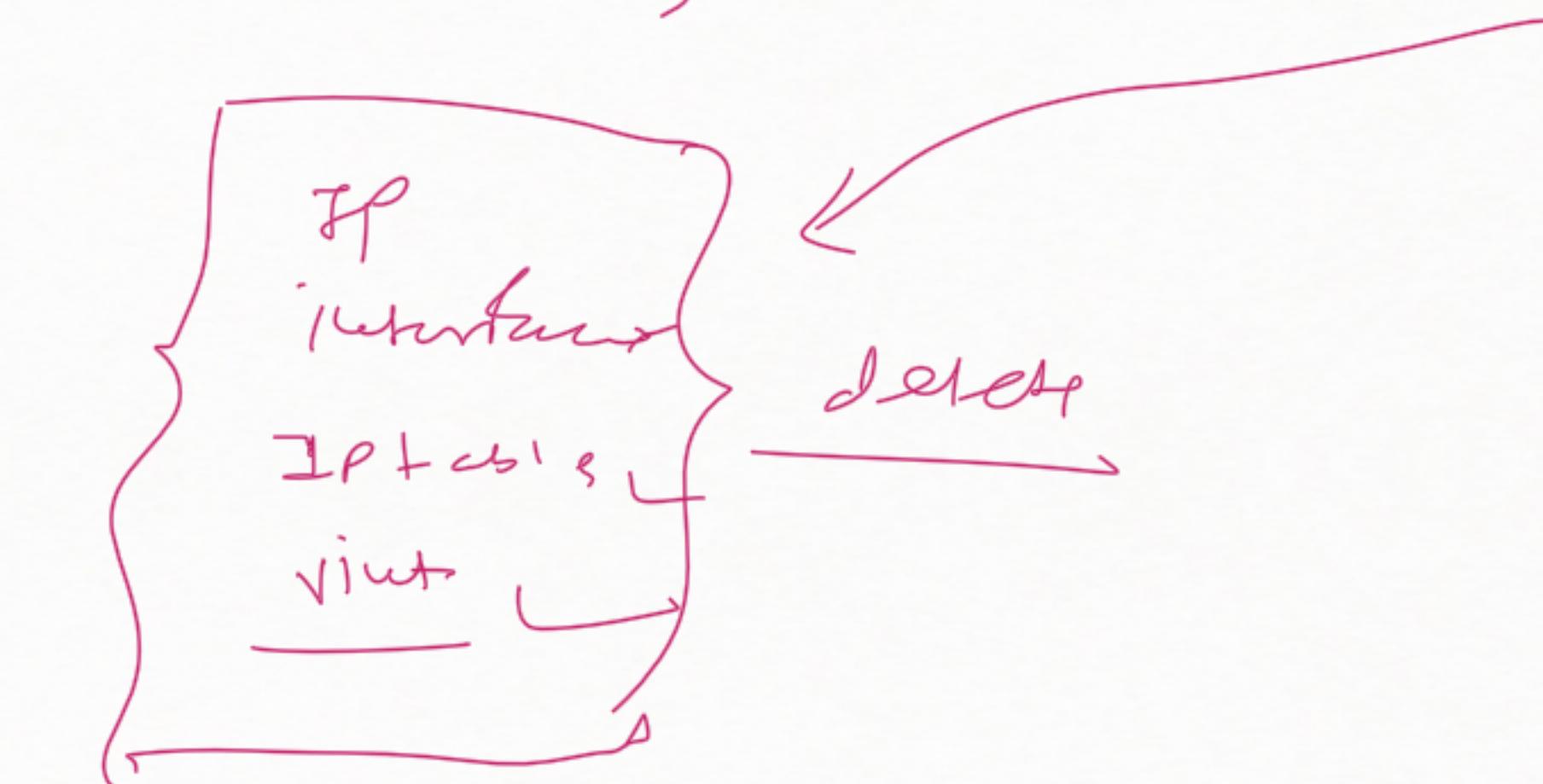
~~rakutan:1.0~~



## Docker Networking



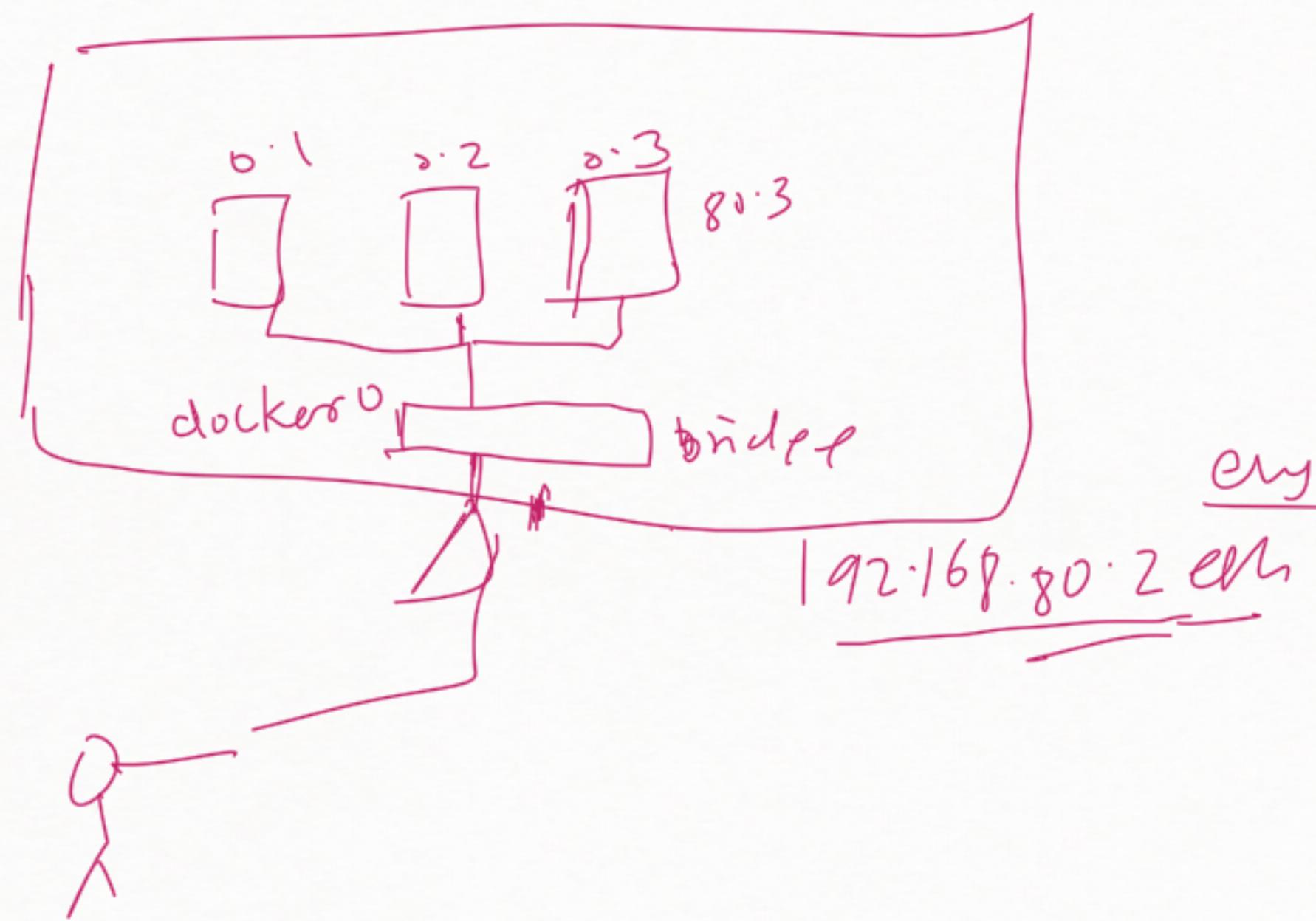
Network drivers  
- ① bridge (default)  
- ② Host  
- ③ None



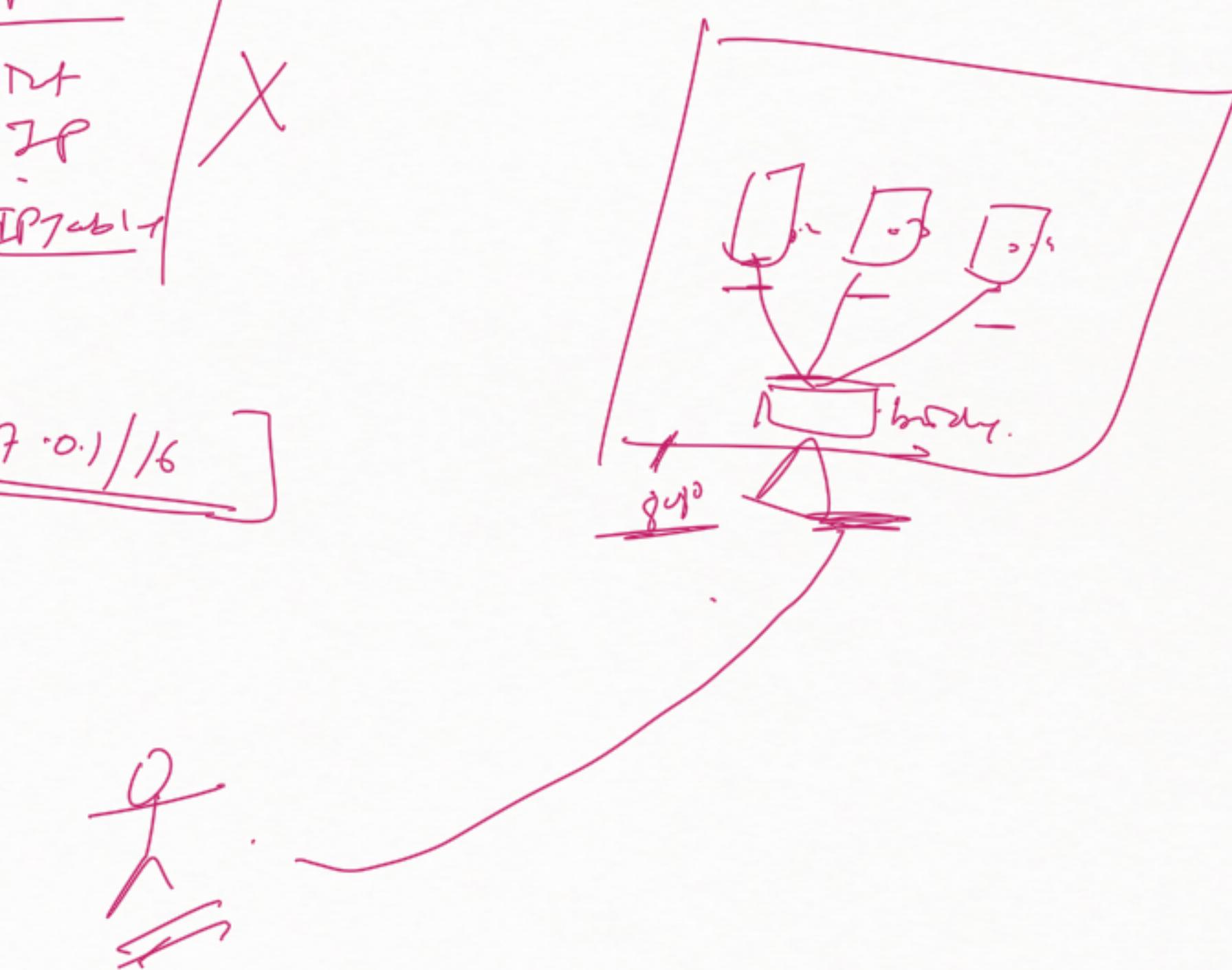
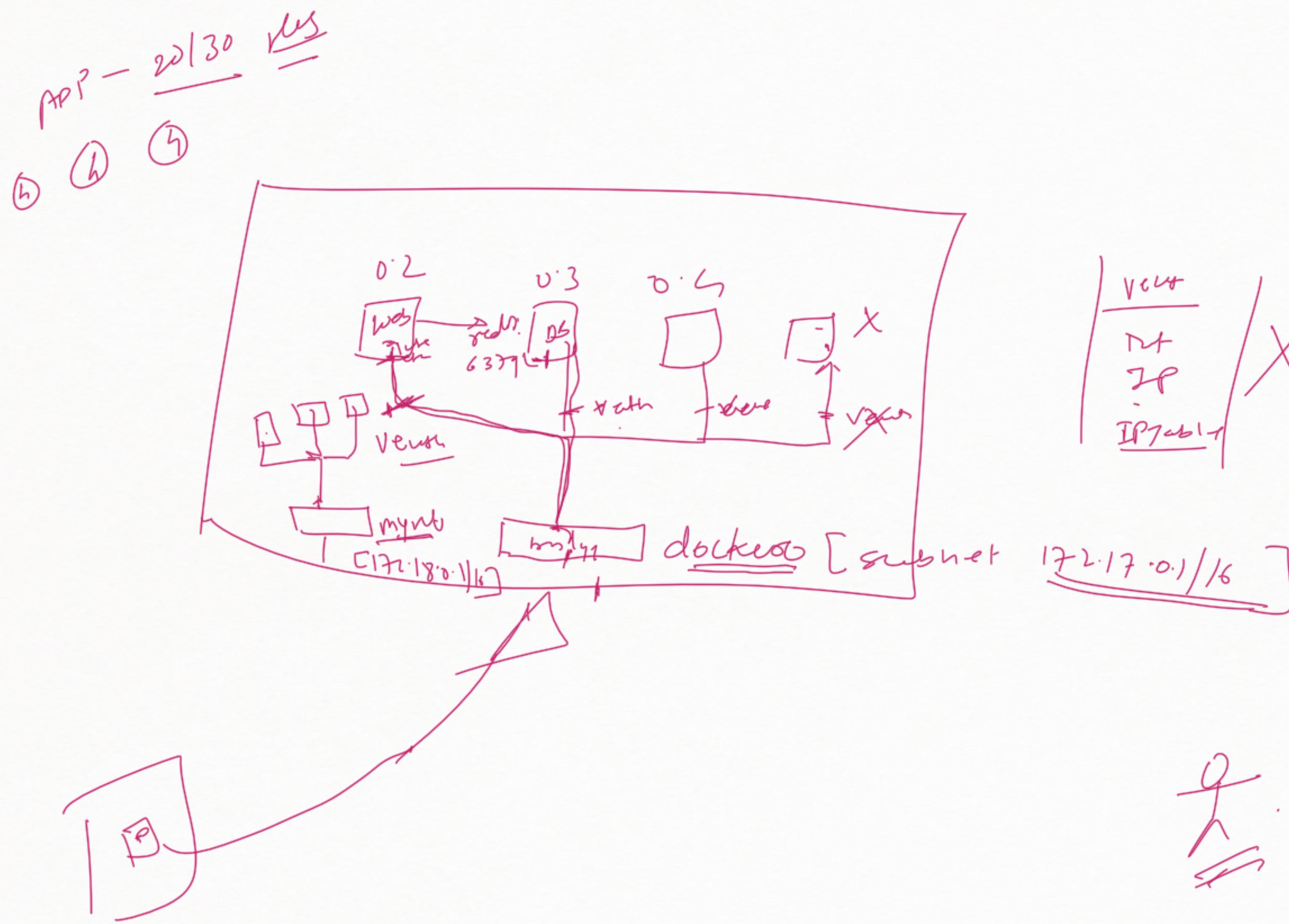
① Bridge  $\rightarrow$   $\ominus$  <sup>custom</sup>

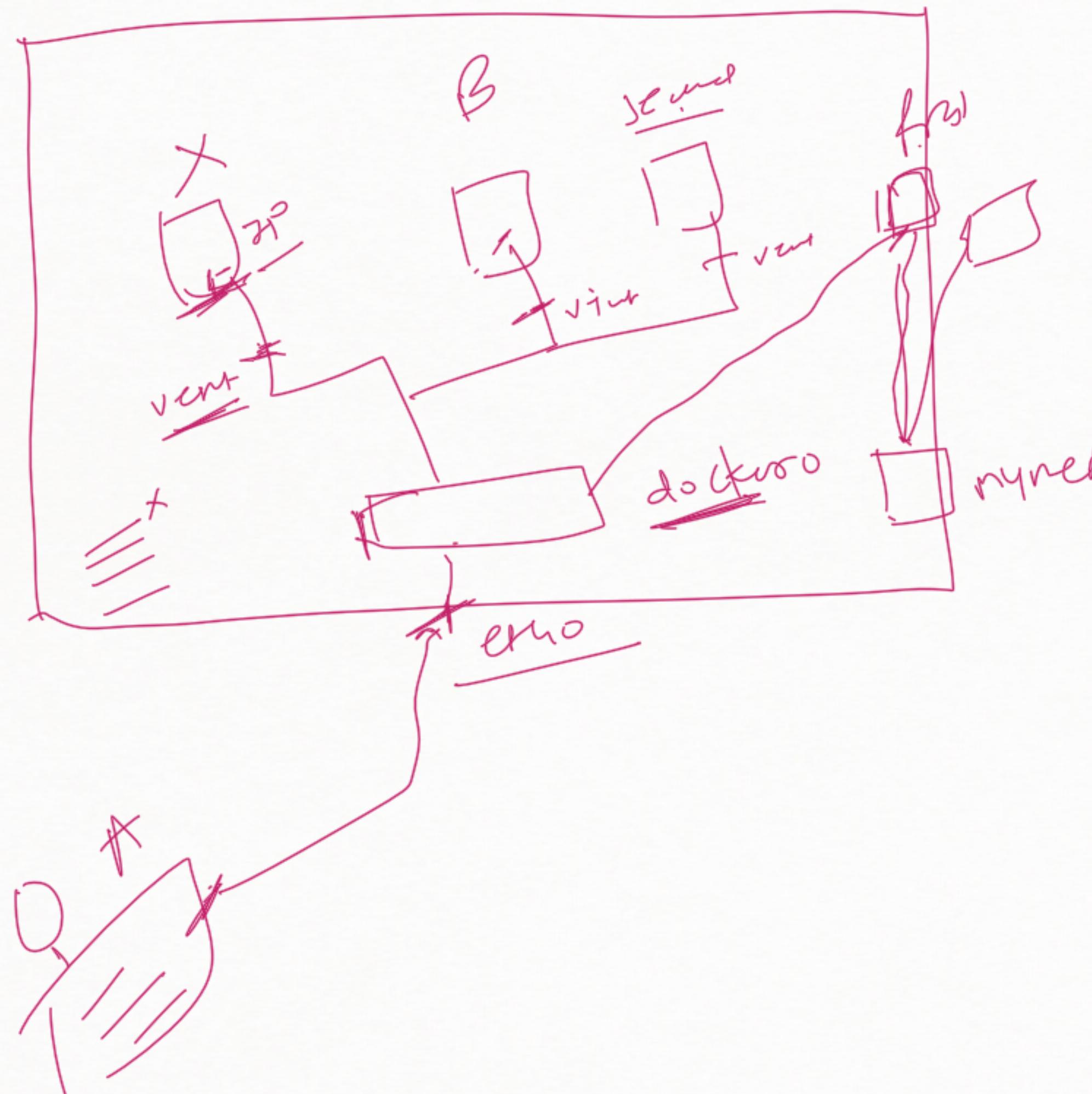
② Host

③ None



-P host:custom



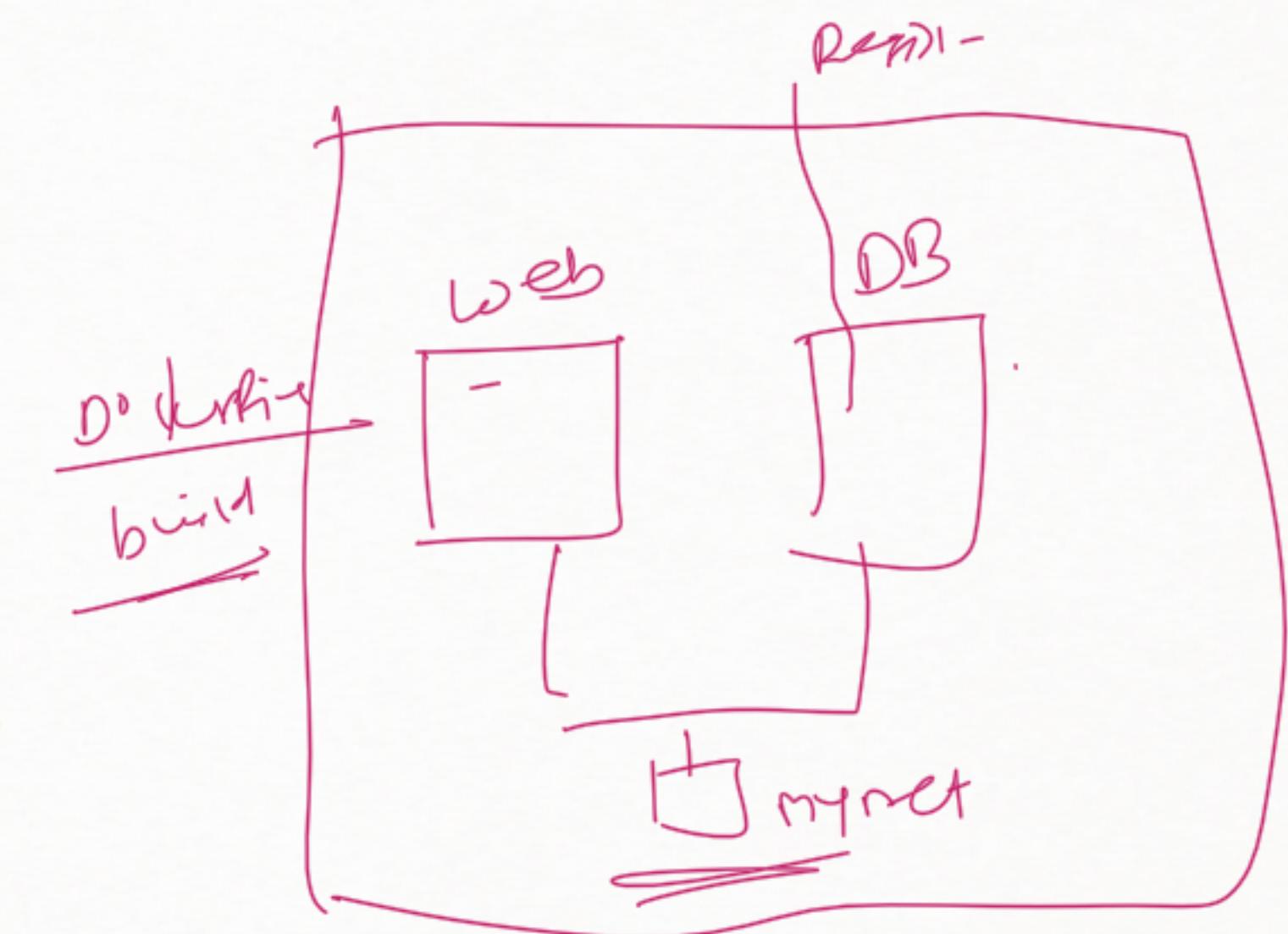
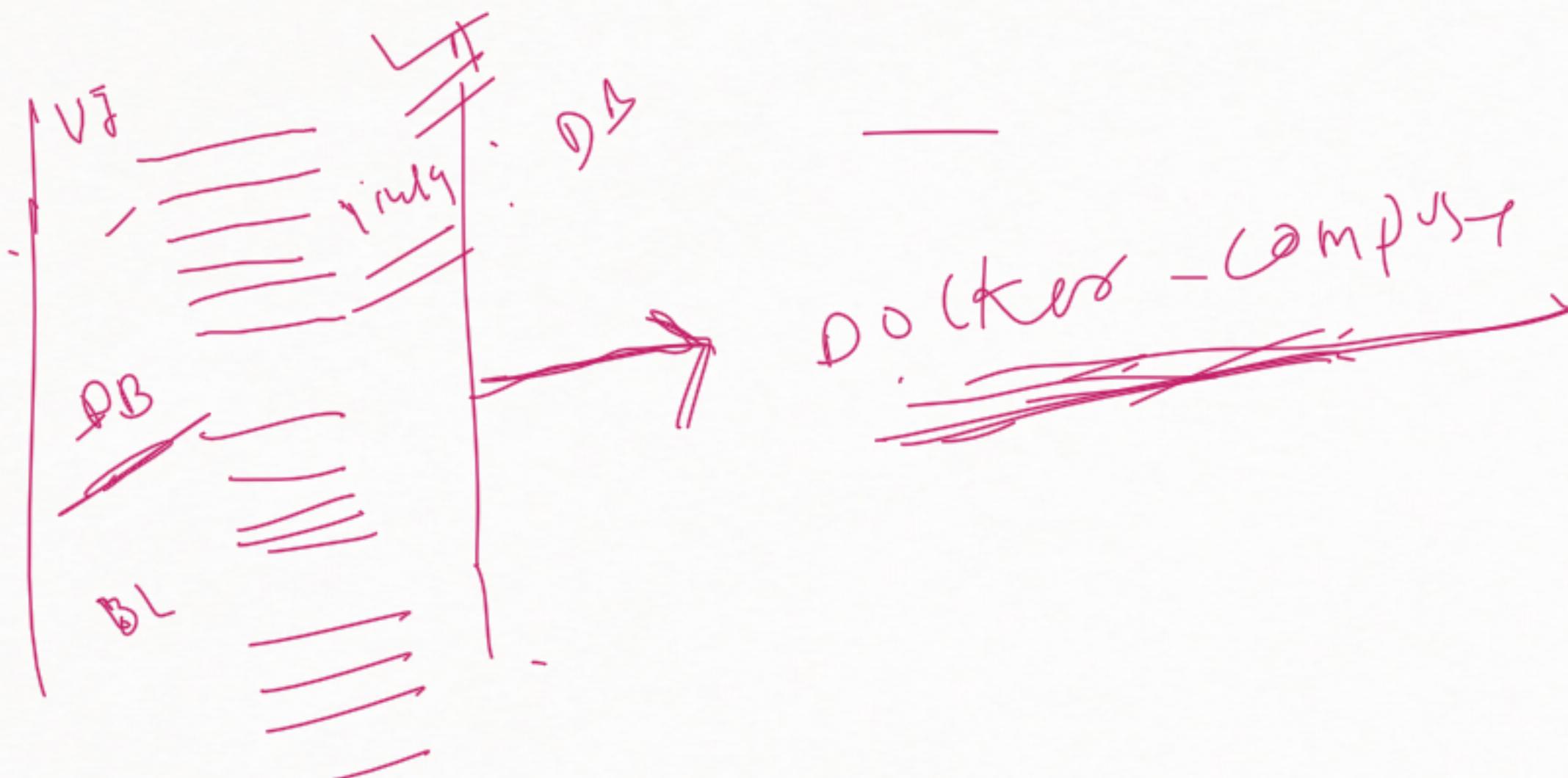
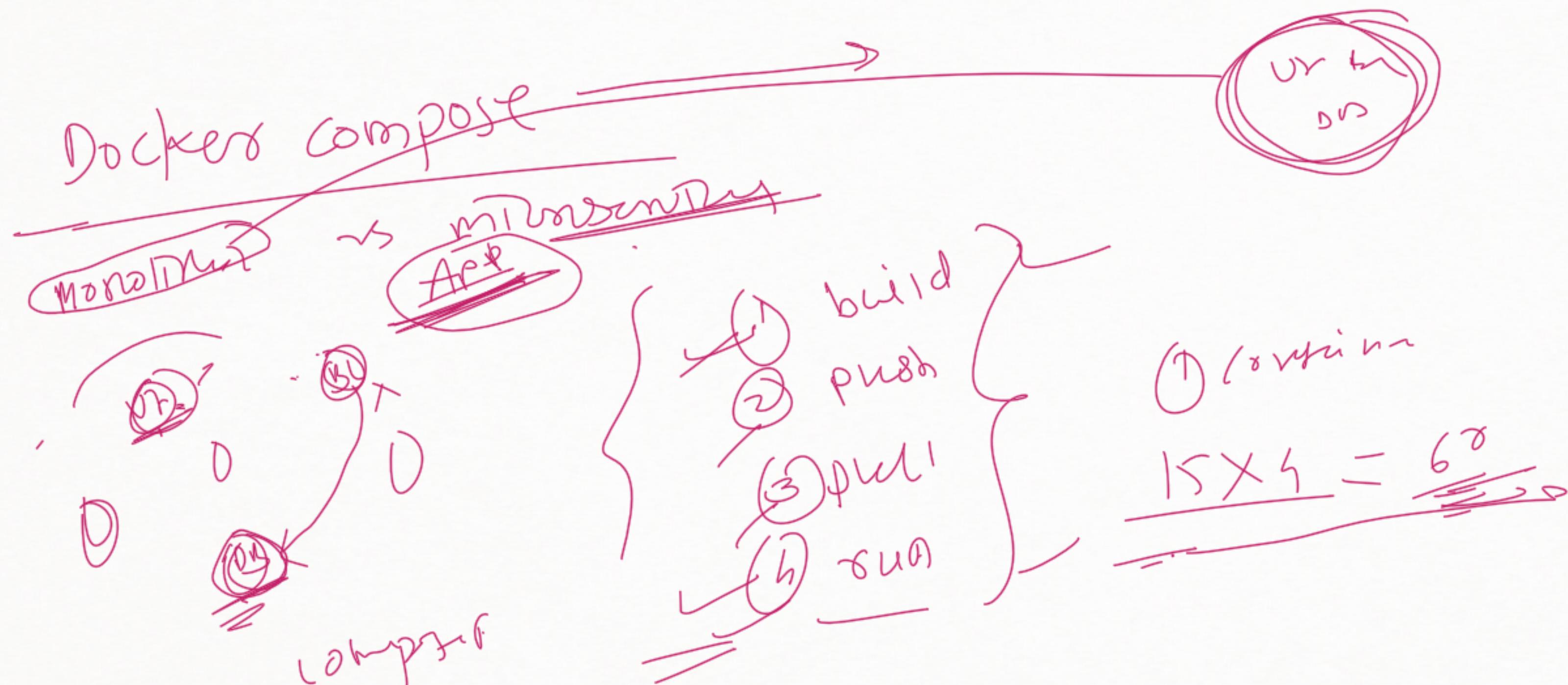


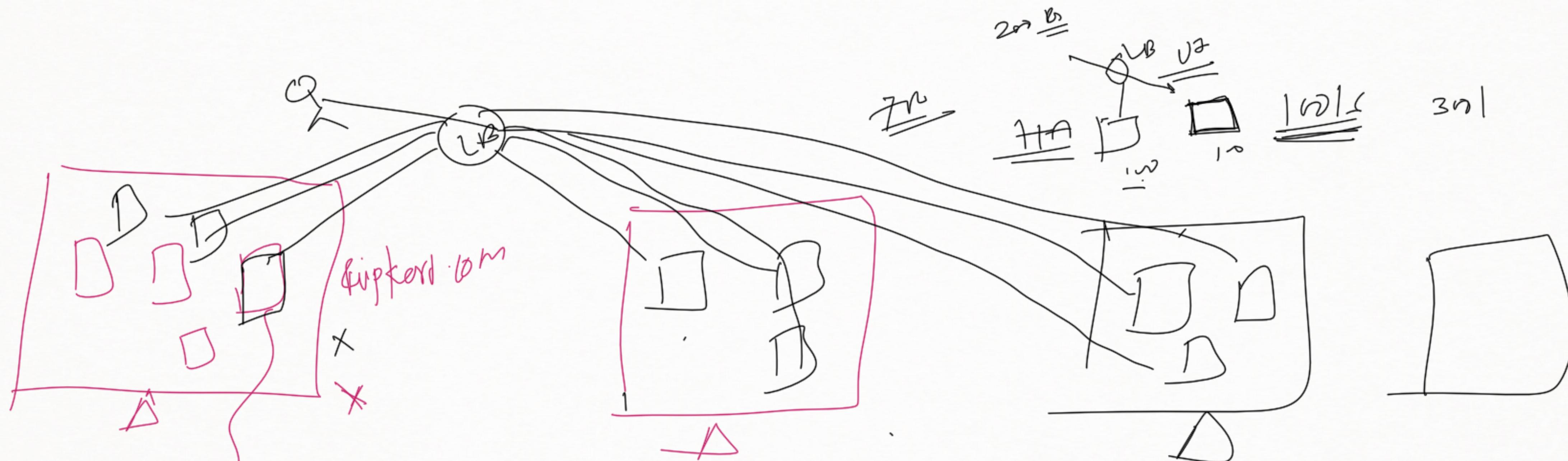
dockers  
 ① bridge (default) - dockers  
 ② host  
 ③ None

--net=none mynet

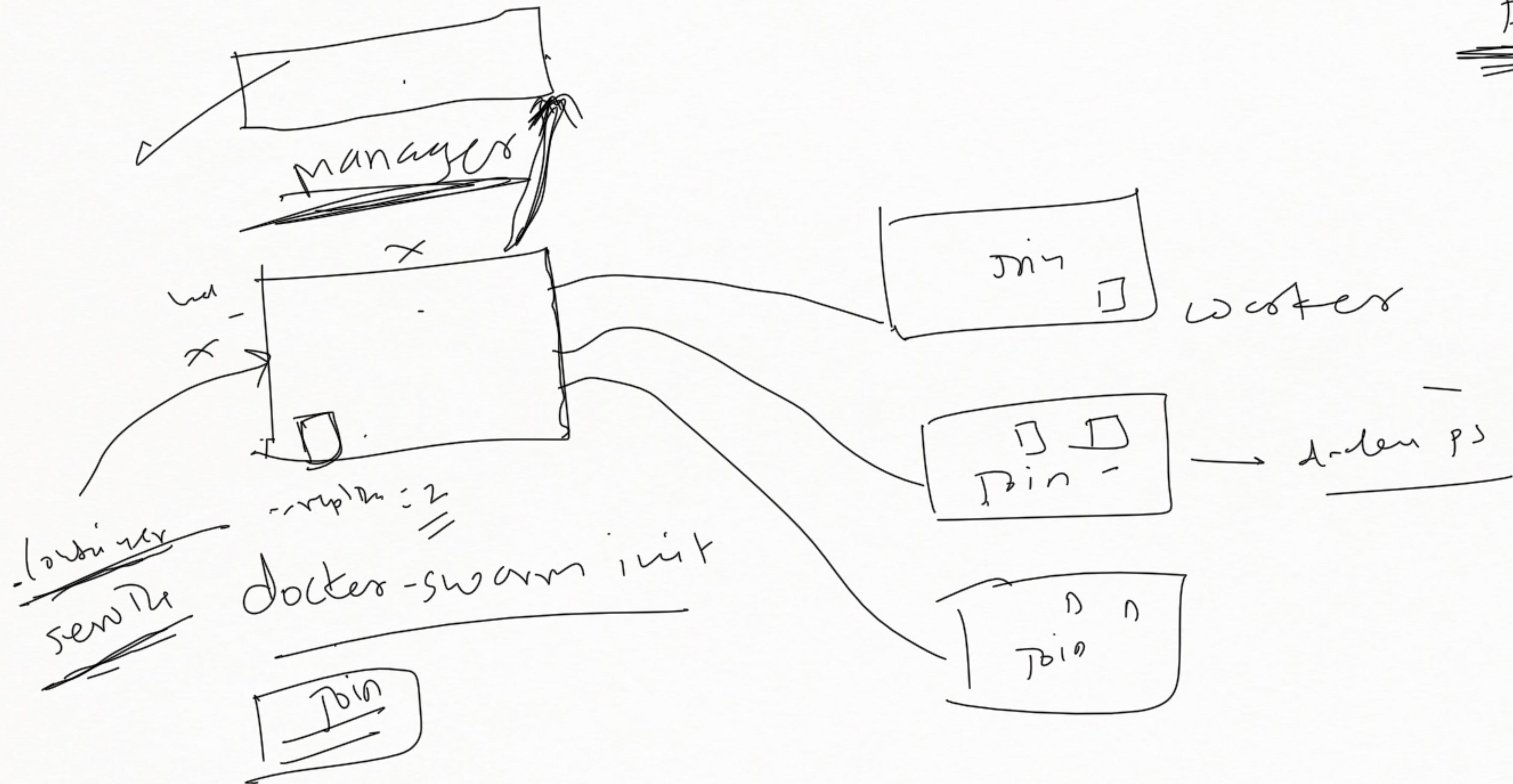
dockn network Create mynet

- -subnet 192.168.0.1/16





- ① scheduling  
② managing  
③ maintaining  
④ setting up / down
- Container Orchestration
- ⑤ Docker Swarm → service / replication  
⑥ Kubernetes → deployment  
⑦ OpenShift / Cloud Foundry  
⑧ Apache Mesos / Dask / Ocean / Rancher



~~Dad~~ / k8s

