

linux → cli too "docker"

"kubecti"

AWS

gcloud az

docker	docker object	Sub command	Options	Arguments
docker	image	ls		
docker	container	ls		
"	network	"		
	volume	"		

devops → git mv ^

next 20 T

→ docker current management

docker container ls

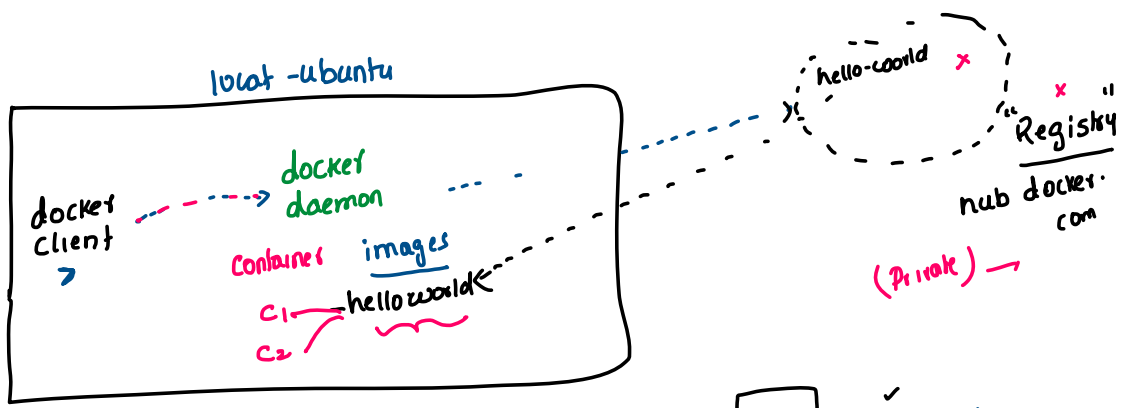
docker image build .

docker container attach --

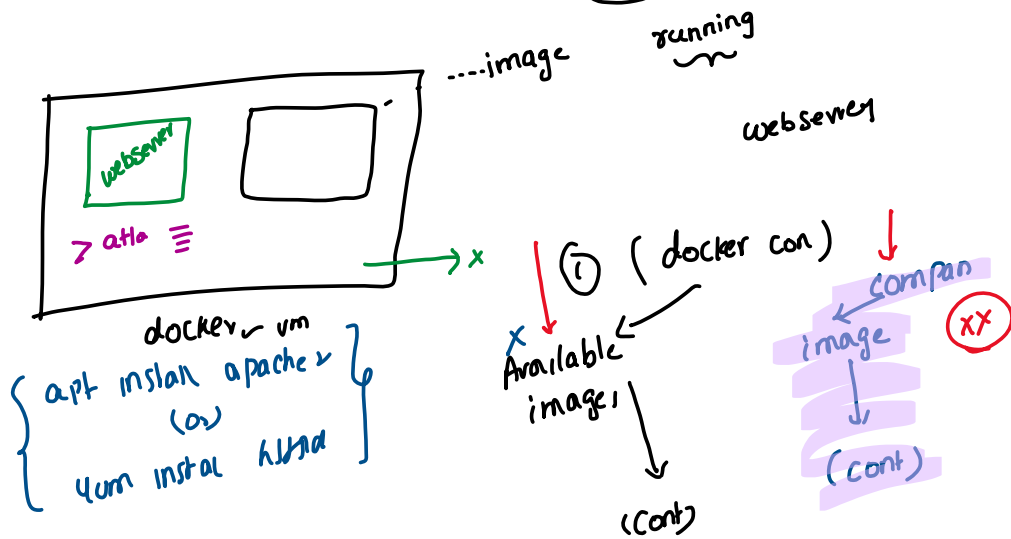
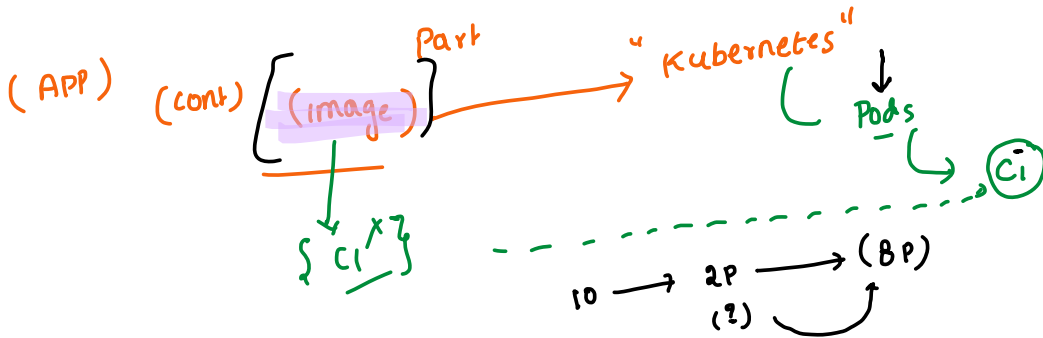
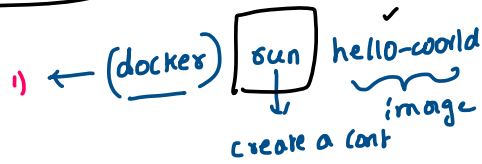
docker ps (list of contain)

docker build

docker attach cname



2) docker run helloworld



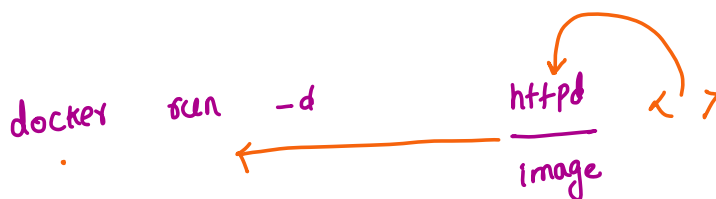
docker run ubuntu → (pull + create + start + stop)

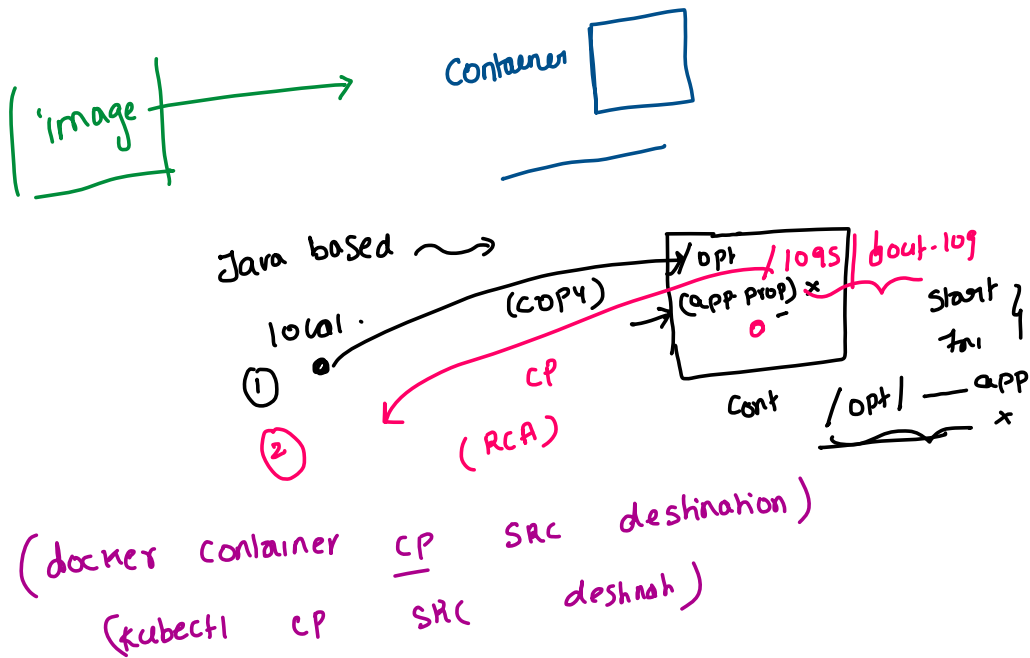
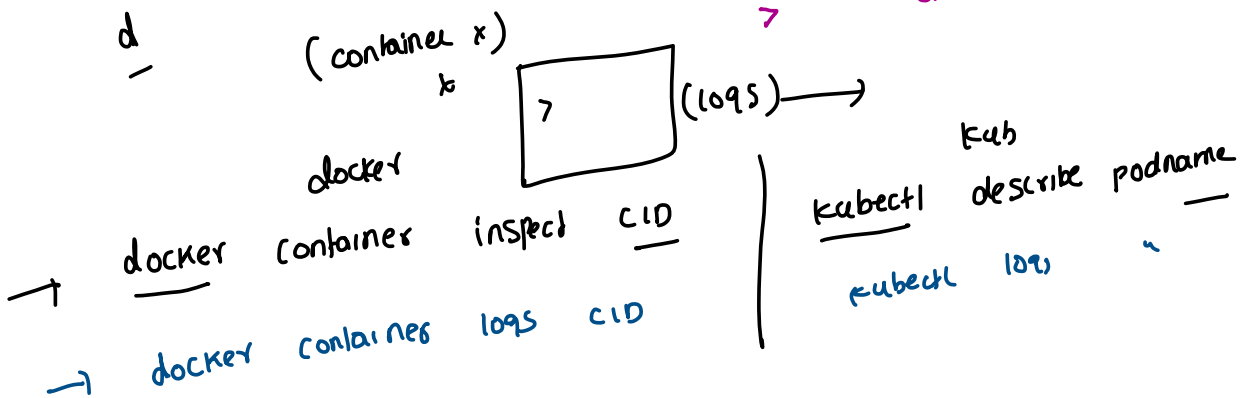
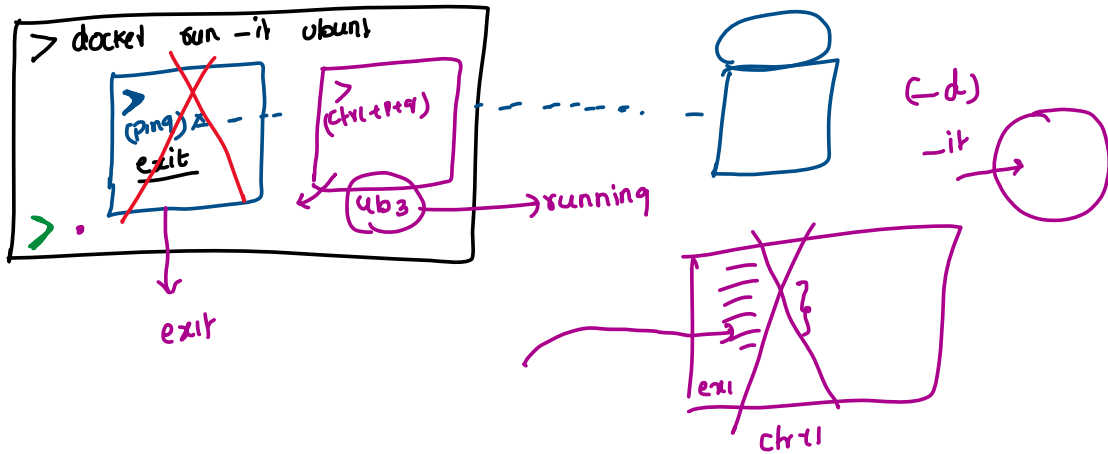
docker run httpd — (pull + create + start + running)

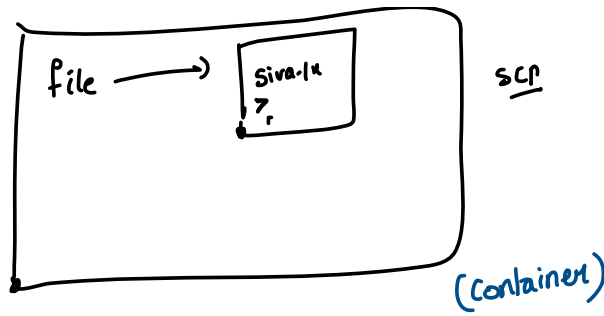
→ (unlike vms containers are not meant to host any os)

→ Containers are meant to run a specific task (or) a process  
e.g. → webserver, appl. ser, database

helloworld  
2 tabs → m  
web App do

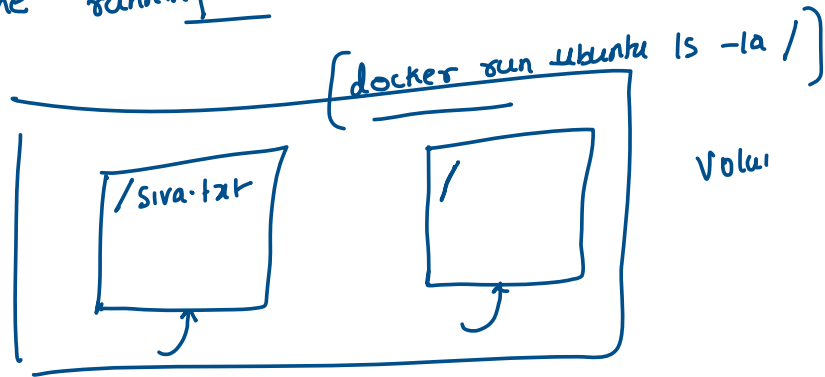






scp  
docker run -it <?>  
>

connect to the running container



2 ways to connect a running container (Mandatory)

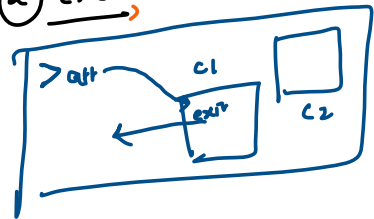
① attach

docker run -it --name c1 ubuntu.

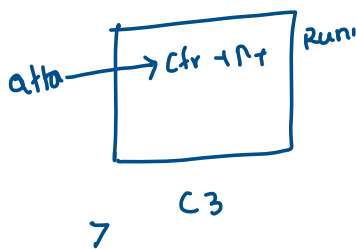
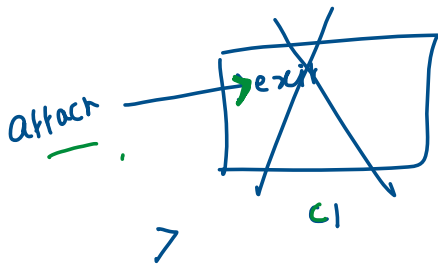


→ docker attach c1

② exec

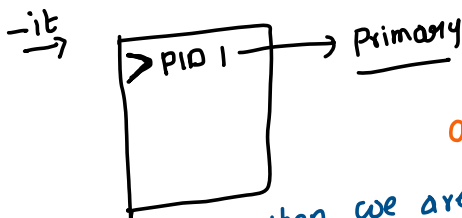
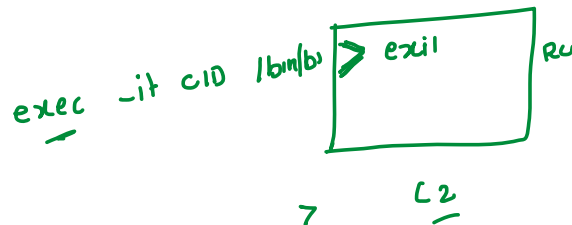


docker run -d --name c2  
httpd



①

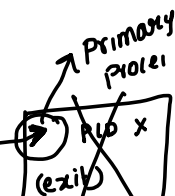
attach & exit exit  
exec & exit - non  
err



docker run ubuntu

attach ← -it

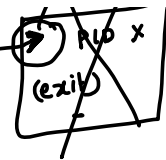
docker run -it ubuntu



Attach only works when we are starting the container with **-it** command

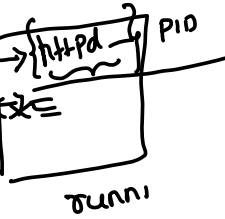
`docker run -it ubuntu`

attach



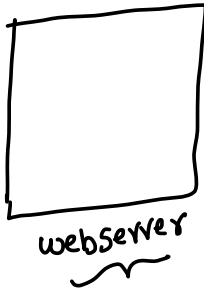
`docker run -d`

httpd



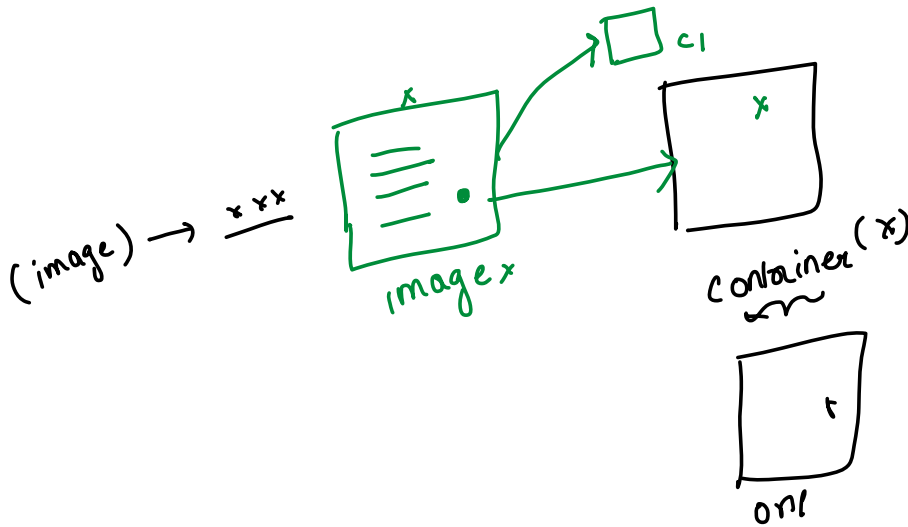
`docker exec -it`

httpd



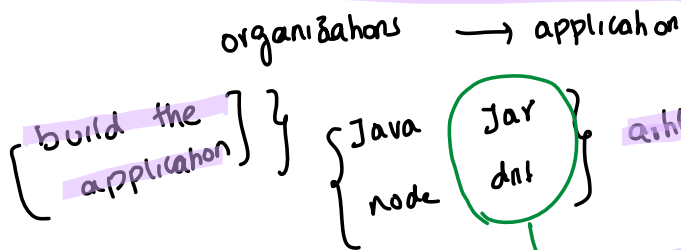
(-it)

Pod - Runn  
" dat

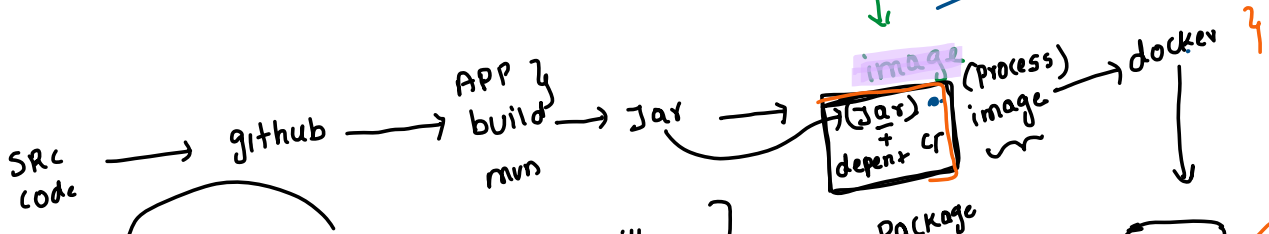


(image)

build tool  
mvn



mvn → Jar/war  
dnl  
docker → images





read only template  
(Docker image) can be created in 2 ways  
✓ (1) commit ✓ (2) Dockerfile ✓

## 2) Dockerfile

✓ Re commander  
mandatary

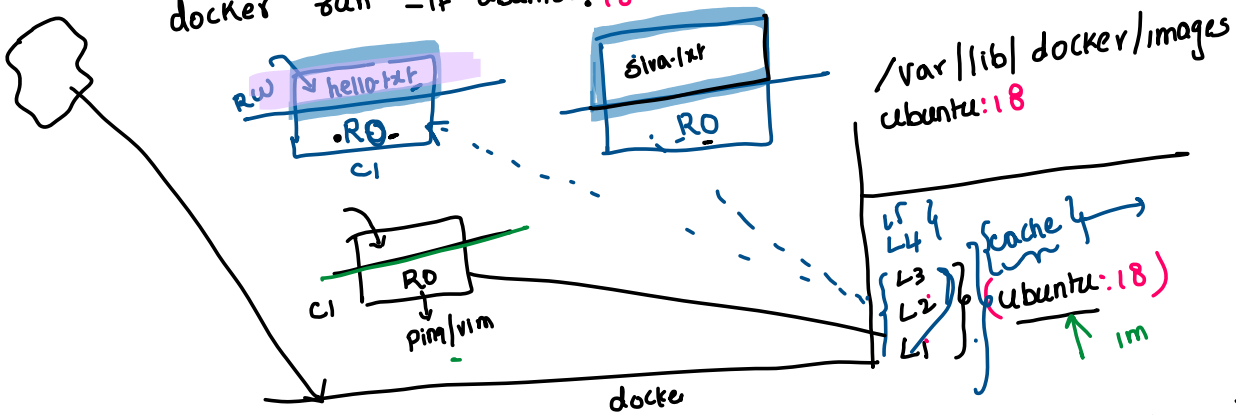
→ Image-  
consist of layers which  
are built on each of  
Readonly layers



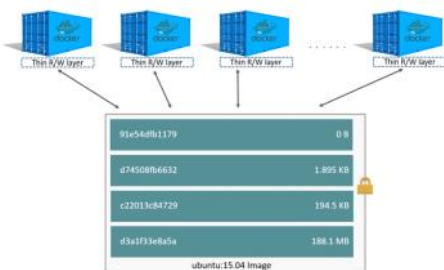
Container 1 = image + writable top layer

docker run -it ubuntu 20.

docker run -it ubuntu:18



(containers are ephemeral)



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