**Create a docker file & build an image**

1.

Login to a docker machine

sarala@sarala-pc:~/Desktop$ docker-machine ssh default

( '>')

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docker@default:~$ pwd

/home/docker

docker@default:~$ mkdir sshd-example

docker@default:~$ ls

sshd-example

docker@default:~$ cd sshd-example/

2.

Create a docker file

docker@default:~/sshd-example$ touch Dockerfile

docker@default:~/sshd-example$ ls

Dockerfile

3.

Edit the docker file

docker@default:~/sshd-example$ vi Dockerfile

FROM ubuntu

CMD ["echo","hello world"]

ESC

:wq

4.build the docker file

docker@default:~/sshd-example$ sudo docker build .

Sending build context to Docker daemon 2.048kB

Step 1/2 : FROM ubuntu

latest: Pulling from library/ubuntu

84ed7d2f608f: Pull complete

be2bf1c4a48d: Pull complete

a5bdc6303093: Pull complete

e9055237d68d: Pull complete

Digest: sha256:868fd30a0e47b8d8ac485df174795b5e2fe8a6c8f056cc707b232d65b8a1ab68

Status: Downloaded newer image for ubuntu:latest

---> 1d9c17228a9e

Step 2/2 : CMD ["echo","hello world"]

---> Running in 462c6a054615

Removing intermediate container 462c6a054615

---> 6a4489db3870

Successfully built 6a4489db3870

5.

Run the docker file

docker@default:~/sshd-example$ sudo docker run --name test 6a4489db3870

hello world

6.

List the images

Docker images

To run a container in a docker server , images should be there in the client

Image is in the local host

Container is running in the docker machine

=====================================================================

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docker@default:~$ ls

sshd-example

docker@default:~$ cd sshd-example/

docker@default:~/sshd-example$ ls

Dockerfile

2.

Open up a script file

docker@default:~/sshd-example$ vi script.sh

#! /bin/bash

echo hello world , from a script file

ESC

:wq

3.

Give executable permission to this file

chmod +x script.sh

**Stop and remove all containers**

docker stop $(docker ps -a -q)

docker rm $(docker ps -a -q)

**Remove all images**

docker rmi $(docker images -a -q)