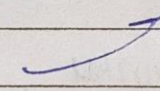


## Docker Commands

18/6/2022

- 1) ~~Docker~~ docker pull <image name> → for downloading the image from docker hub
- 2) docker pull <image name>:version → To download specific version of an image for example  
docker pull ubuntu:16.04
- 3) docker run <image> → To run the image
- 4) docker images → To check downloaded image
- 5) docker run -it <image> →  
↳ Interactive environment means don't exit out of it
- 6) docker ps → Show the currently running containers
- 7) docker ls →  Same thing
- 8) docker container exec -it <container id> bash  
↳  
This means the bash shell should be attached to this running container. This command will not work if your container is not running



- 9 `docker stop <Container id>` → stops the running Container
- 10 `docker ps -a` → It will also show those Container which are stopped
- 11 `docker rm <Container id>` → removes the stopped Container
- 12 `docker inspect <Container id>` → gives all the info about the Container
- 13 `docker logs <Container id>` → shows the log of Container
- 14 `docker container prune -f` → will delete all  
↓ {the stopped Container  
means delete} all containers  
↙ mean → don't ask me again
- 15 `docker run alpine ping for www.google.com`
- 16 `docker run -d ubuntu`  
↓ detach } It will run this  
Container in background
- 17 `docker run run ubuntu echo Hey`  
↓ This will run the Container      ↓ This is the Command



18 docker logs <Container first four letter> →  
will show me the logs

19 docker logs --since 10s <Container first four letter> →  
will show me the logs of last 10 seconds

20 docker rmi <image name> -f  
↓  
~~rem~~ will remove the image

21 docker run -d -p 8080:80 nginx  
 ↳ You can add any port no here  
 ↳ nginx's default port  
 This will run nginx in my ~~localhost~~ container  
 and we can access this on our ~~localhost~~ nginx  
 container on localhost:8080

-p is taking to argument  
port 80: Nginx listen to this port

22 docker start <Container id> → ~~run~~ <sup>start</sup> the  
Container

23 Q Now the question is how you can share  
the some image that your friend's

A using Commit messages

docker commit -m "added names.txt" <Container id>  
<any name>

↳ for ex: names-~~txt~~  
name names-ubuntu:1.01 → version



Now you can ~~start~~ run it

`docker run -it names-ubuntu:1.01`

24 `docker images -q` → will only give id's of image

25 `docker rmi $(docker images -q)`  
Remove all the images at once but it didn't work for me

26 `docker rmi $(docker images -q) -f`

27 `docker images -q --no-trunc`

Q How to create your docker image

Ans 1) create a file named Dockerfile

2) By default on building, docker searches for 'Dockerfile'

`$ docker build -t myimage:1.01 .`

3 During building of image, the container is Run section of dockefile will get executed

`$ docker run myimage:1.01`