

\* launching EC2 (ubuntu) machine & connect to machine

dab-1

see the list of images in local registry : docker images  
(Initially since we have not created any container u will not see any images)

### Create a ubuntu container

docker run -it --name c01 ubuntu /bin/bash

To interact with docker daemon

To create a container

The name of the container is c01. you can have any name

Base image from which container is created.

Terminal which will be configured in containers so that you can talk to the container

it  $\Rightarrow$  Interactive Terminal  $\rightarrow$  you will enter inside container after it is created.

dt  $\Rightarrow$  detached Terminal  $\rightarrow$  you will not enter inside container after it is created

```
root@ip-172-31-13-125:/home/ubuntu# docker run -it --name c01 ubuntu /bin/bash
Unable to find image 'ubuntu:latest' locally
latest: Pulling from library/ubuntu
d9d352c11bbd: Pull complete
Digest: sha256:b59d21599a2b151e23eea5f6602f4af4d7d31c4e236d22bf0b62b86d2e386b8f
Status: Downloaded newer image for ubuntu:latest
root@f9baaeaff45d:/# 
```

```
root@ip-172-31-13-125:/home/ubuntu# docker run -it --name c01 ubuntu /bin/bash
Unable to find image 'ubuntu:latest' locally
latest: Pulling from library/ubuntu
d9d352c11bbd: Pull complete
Digest: sha256:b59d21599a2b151e23eea5f6602f4af4d7d31c4e236d22bf0b62b86d2e386b8f
Status: Downloaded newer image for ubuntu:latest
root@f9baaeaff45d:/# touch file1 file2
root@f9baaeaff45d:/# ls
bin boot dev etc file1 file2 home lib lib64 media mnt opt proc root run sbin srv sys
root@f9baaeaff45d:/# █
```

★ Press ctrl p and ctrl q to come out of the container ....

↓  
Save the  
process

↓  
quit the  
process

█

```
bin boot dev etc file1 file2 home lib lib64 media mnt opt pro
root@f9baaeaff45d:/# root@ip-172-31-13-125:/home/ubuntu#
root@ip-172-31-13-125:/home/ubuntu#
root@ip-172-31-13-125:/home/ubuntu# █
```