

* launching EC2 (ubuntu) machine & connect to machine

lab-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
container 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

y

```
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#
```