Lab 6.6 Deploy the Docker image to Docker Hub

This section will guide you to:

Build a Docker image and deploy it in the Docker Hub.

This lab has 3 sub-sections:

6.6.1 Pull a Docker image and create files in it.

6.6.2 Login at DockerHub.

6.6.3 Deploy the image to DockerHub.

**Step 6.6.1:** Pull a Docker image and create files in it.

Stop all the active running containers and ensure that no containers are running in detach mode.

Pull a new ubuntu image from Docker Hub.

docker pull ubuntu

check if it has pulled and available.

docker ps -a

now run the docker container

docker run -itd ubuntu

check if docker container is up and running.

docker ps

now login to the ubuntu instance

docker exec -it d19561d9d632 bash

create a folder and files in it.

mkdir test1 test2

cd test1

touch hello.txt hello.html hello.py

check if files are created

ls -lart

exit the container by pressing ctrl+D

**Step 6.6.2:** Login at DockerHub.

Create an account in DockerHub <https://hub.docker.com/> and login. Execute the commands mentioned below to login at DockerHub.

docker login –username=<Your\_username> --password=<Your\_password>

create another replicated image of ubuntu

docker commit d19561d9d632 antrixsh/tag

**Step 6.6.3:** Deploy the image to DockerHub.

check if it is created

docker images

now push it to DockerHub

docker push <Repository/Image>

Go to your DockerHub account and reload the page, you should be able to see the image pushed from the terminal.