

SAVING CHANGES TO A DOCKER CONTAINER

Step 1: Pull the docker container using the command:

\$ docker pull ubuntu

```
ubuntu@ip-172-31-26-120:~

ubuntu@ip-172-31-26-120:~$ docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
32802c0cfa4d: Pull complete
da1315cffa03: Pull complete
fa83472a3562: Pull complete
f85999a86bef: Pull complete
Digest: sha256:6d0e0c26489e33f5a6f0020edface2727db9489
Status: Downloaded newer image for ubuntu:latest
ubuntu@ip-172-31-26-120:~$
```

Step 2: Run the container using the commands

\$ docker container run –it –d ubuntu

```
ubuntu@ip-172-31-26-120:~
ubuntu@ip-172-31-26-120:~$ docker run -it -d ubuntu
ab21899b05123efefa5367a8b0728fd912cba9657bb359736924
ubuntu@ip-172-31-26-120:~$
```

Step 3: Access the container using the command:

\$ docker exec -it < container-id > bash

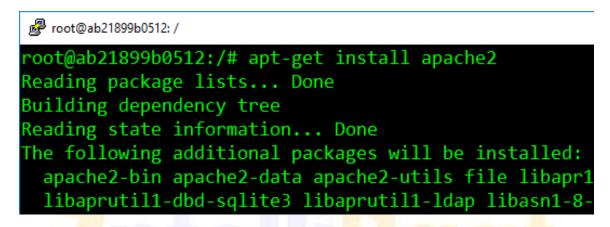
```
    root@ab21899b0512:/

ubuntu@ip-172-31-26-120:~$ docker exec -it ab21899b0512 bash
root@ab21899b0512:/#
```



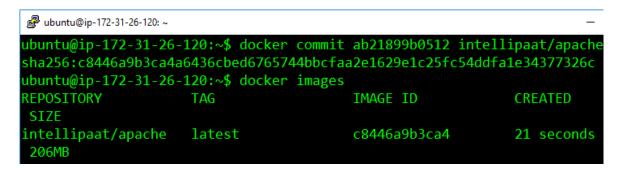
Step 4: Install apache2 on this container, using the following:

\$ apt-get update \$ apt-get install apache2



Step 5: Exit the container, and save the container using this command. The saved container will be converted into an image with the name specified is

\$ docker commit <container-id> <username>/<container-name>



The username must match with the username which you created on dockerhub. The container-name name can be anything.