

Exercise 4: Sharing Images

In this exercise we will learn how to share docker images using dockerhub. it is a great place to find images and upload our own images to. For this exercise we see that which images we have in our system.

```
dhruvrajsinh@sf-cpu-371:~/Node.js-Express-MongoDB-CRUD/project$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
dabhidhruvraj/reactapp   latest      9ab88752dc88  13 minutes ago  1.05GB
node_crud_server        latest      8341dfd54ef4  2 days ago    1.01GB
node_crud_client        latest      7e60920f7dee  7 days ago    746MB
dabhidhruvraj/trainee-practical-devops latest      a168c8879468  7 days ago    1GB
exercise-image         version_1   a168c8879468  7 days ago    1GB
node_crud_db            latest      9f6d0d222a47  8 days ago    496MB
my_db                   latest      90baf543c3d  8 days ago    496MB
mysql                   latest      412b8cc72e4a  2 weeks ago   531MB
ubuntu                  latest      08d22c0ceb15  6 weeks ago   77.8MB
ubuntu                  16.04      b6f507652425  19 months ago 135MB
dhruvrajsinh@sf-cpu-371:~/Node.js-Express-MongoDB-CRUD/project$
```

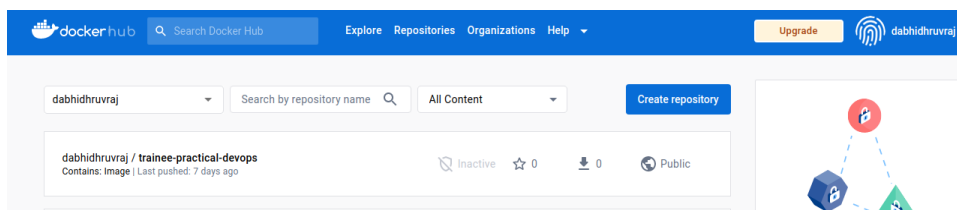
let's push our image **dabhidhruvraj/trainee-practical-devops** to dockerhub. ok so let's first login in dockerhub by our username and password. after that you see the repository button at the top click on that. then give our repository name to our image name. After that press create button and make sure that your repository is public.

push the images.

for pushing our images to remote we use docker push command with tag.

```
dhruvrajsinh@sf-cpu-371:~$ docker push dabhidhruvraj/trainee-practical-devops:version-1
```

finally we push our images to dockerhub and we can see that in repositories section.



Searching images

we can search the images by typing docker search command.

```

dhruvrajsinh@sf-cpu-371:~$ docker search radis
NAME                                DESCRIPTION                                STARS
AL    AUTOMATED
radishgz/metrics-server-amd64      gcr.io/google_containers/metrics-server-amd6... 1
[OK]
radishgz/ubuntu-slim               gcr.io/google_containers/ubuntu-slim:0.1        0
[OK]
radisys/5gc                        Radisys 5G Core Network Repository              0
radistgla/nodejs-chromium-alpine   Image providing headless chrome and nodejs 8     0
[OK]
radisys/5goam                      Radisys 5G OAM CNF                             0
radish/new-backend_base             0
radish/restock_base                 0
radishgz/dashboard                  k8s dashboard                                  0
[OK]
radish/admin_base                   0
radish/website_base                 0
radish/app_base                     0
radisys/5gnr                       Radisys 5G NR DU, CU, CU CP, CU UP components... 0
radishgz/go-signup-login-example-mysql go example                                       0
[OK]
radish/redis-base                   0

```