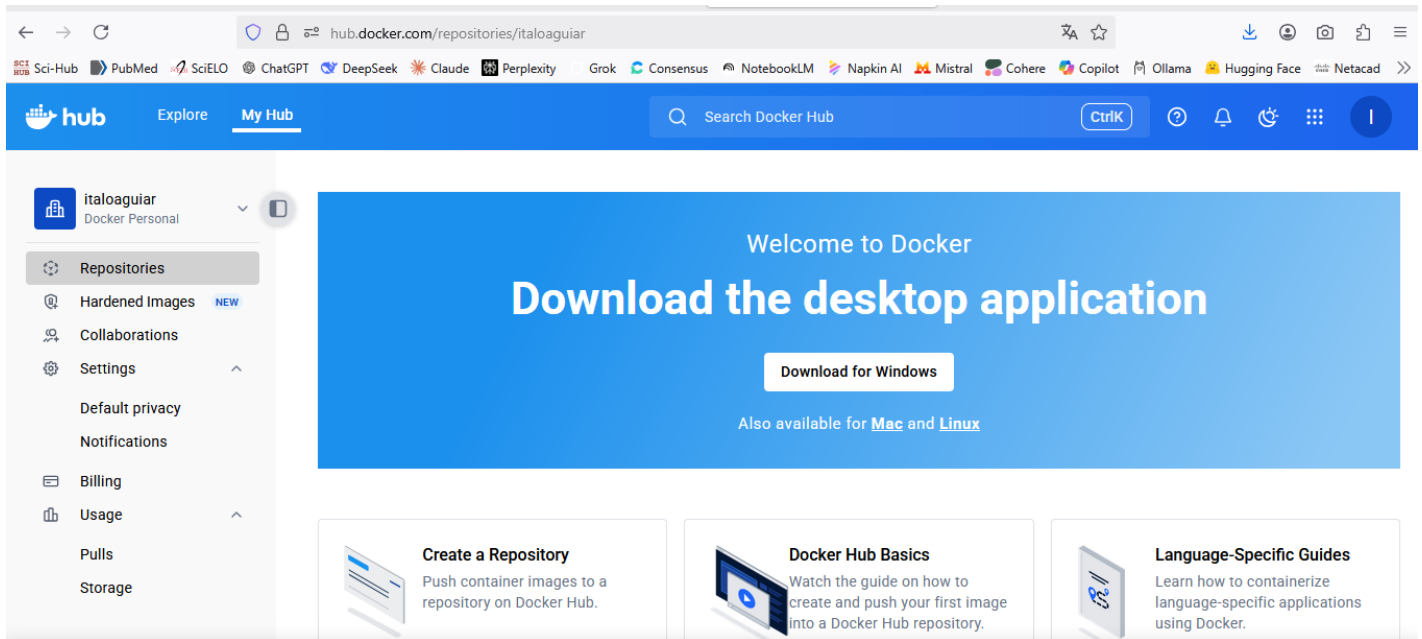


ATIVIDADE DOCKER

Italo Wesley Oliveira de Aguiar

1) Crie uma conta no DockerHub;



2) Faça um pull de uma imagem ubuntu

```
[node2] (local) root@192.168.0.23 ~
$ docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
4b3ffd8ccb52: Pull complete
Digest: sha256:66460d557b25769b102175144d538d88219c077c678a49af4afca6fbfc1b5252
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest
[node2] (local) root@192.168.0.23 ~
$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
ubuntu        latest   97bed23a3497   3 weeks ago   78.1MB
```

3) Crie um container a partir da imagem ubuntu que foi salva e o acesse com as opções -it;

```
[node2] (local) root@192.168.0.23 ~
$ docker start meu-container
meu-container
```

4) Instale no container o nginx;

```
root@6991ff84f89b:/# apt-get install nginx -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  iproute2 libatm1t64 libbpf1 libcap2-bin libelf1t64 libmnl0 libpam-cap libxtables12 nginx-common
Suggested packages:
  iproute2-doc python3:any fcgiwrap nginx-doc ssl-cert
The following NEW packages will be installed:
  iproute2 libatm1t64 libbpf1 libcap2-bin libelf1t64 libmnl0 libpam-cap libxtables12 nginx nginx-common
0 upgraded, 10 newly installed, 0 to remove and 2 not upgraded.
Need to get 2025 kB of archives.
After this operation, 5799 kB of additional disk space will be used.

Processing triggers for libc-bin (2.35-0ubuntu3.6) ...
root@6991ff84f89b:/# nginx -v
nginx version: nginx/1.24.0 (Ubuntu)
root@6991ff84f89b:/# exit
exit
```

5) Faça o commit desse container de forma a criar uma versão alterada da imagem ubuntu acrescida com o nginx;

```
[node2] (local) root@192.168.0.23 ~
$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
ubuntu        latest    97bed23a3497   3 weeks ago   78.1MB
[node2] (local) root@192.168.0.23 ~
$ docker run -it --name meu-container ubuntu /bin/bash
6991ff84f89b /bin/bash
[node2] (local) root@192.168.0.23 ~
$ docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS              PORTS          NAMES
6991ff84f89b   ubuntu    "/bin/bash"             42 seconds ago Exited (0) 6 seconds ago                       meu-container
[node2] (local) root@192.168.0.23 ~
$ docker commit meu-container italoaguilar/ubuntu-nginx
sha256:89a8932610ed82d20cbcc72ecef233ce5b5d670c10abc0f30b20a2695b38a7b5
[node2] (local) root@192.168.0.23 ~
$ docker images
REPOSITORY          TAG       IMAGE ID       CREATED        SIZE
italoaguilar/ubuntu-nginx  latest    89a8932610ed   8 seconds ago   140MB
ubuntu              latest    97bed23a3497   3 weeks ago   78.1MB
```

6) Faça um push dessa imagem para a sua conta no Dockerhub;

```
[node2] (local) root@192.168.0.23 ~
$ docker login

USING WEB-BASED LOGIN
To sign in with credentials on the command line, use 'docker login -u <username>'

Your one-time device confirmation code is: ZDBN-QLQT
Press ENTER to open your browser or submit your device code here: https://login.docker.com/activate

Waiting for authentication in the browser...
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credential-stores

Login Succeeded
[node2] (local) root@192.168.0.23 ~
```

```
[node2] (local) root@192.168.0.23 ~
$ docker push italoaguiar/ubuntu-nginx
Using default tag: latest
The push refers to repository [docker.io/italoaguiar/ubuntu-nginx]
7dd5ab0de9c3: Pushed
073ec47a8c22: Mounted from library/ubuntu
latest: digest: sha256:41fac835082aaa93d299091cbe0b867440f0f5f6d04fbd5d6891cf80e023afb9 size: 741
[node2] (local) root@192.168.0.23 ~
```

italoaguiar
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Repositories

All repositories within the italoaguiar namespace.

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Create a repository

Name	Last Pushed ↑	Contains	Visibility	Scout
italoaguiar/ubuntu-nginx	12 minutes ago	IMAGE	Public	Inactive

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