

BandTec agora é



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**LUCAS DE LIMA RODRIGUES 4°ADS-B**  
**DOCKER HUB**

**São Paulo**  
**2024**

## Enviando imagem para o docker hub

- Criação do dockerfile e arquivo .html para a imagem NGINX.

```
ubuntu@ip-10-0-0-250:~$ cat > index.html
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Meu Primeiro Container Docker!
</title>
</head>
<body>
  <h1>Olá, mundo!</h1>
  <p>Este é meu primeiro container</p>
</body>
</html>
^C
ubuntu@ip-10-0-0-250:~$ cat > Dockerfile
FROM nginx
COPY index.html /usr/share/nginx/html
^C
ubuntu@ip-10-0-0-250:~$ ls
Dockerfile  index.html
ubuntu@ip-10-0-0-250:~$ |
```

- Criando imagem a partir do Dockerfile.

```
ubuntu@ip-10-0-0-250:~$ sudo docker build -t my_image .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
            Install the buildx component to build images with BuildKit:
            https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  13.31kB
Step 1/2 : FROM nginx
latest: Pulling from library/nginx
13808c22b207: Pull complete
6fcdffcd79f0: Pull complete
fbf231d461b3: Pull complete
c9590dd9c988: Pull complete
b4033143d859: Pull complete
abaefc5fcbde: Pull complete
bcef83155b8b: Pull complete
Digest: sha256:9ff236ed47fe39cf1f0acf349d0e5137f8b8a6fd0b46e5117a401010e56222e1
Status: Downloaded newer image for nginx:latest
--> c613f16b6642
Step 2/2 : COPY index.html /usr/share/nginx/html
--> a9dc0acdb776
Successfully built a9dc0acdb776
Successfully tagged my_image:latest
ubuntu@ip-10-0-0-250:~$ sudo docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
my_image	latest	a9dc0acdb776	10 seconds ago	187MB
nginx	latest	c613f16b6642	2 months ago	187MB

```
ubuntu@ip-10-0-0-250:~$
```

- Criando uma conta no docker hub.



# Create your username



Signed in by GitHub as



Lucas

lucas.lrodrigues@sptech.school



Username

☐

Send me occasional product updates and announcements.

Sign Up

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Search Docker Hub

ctrl+K

?

L

Welcome to Docker

Download the desktop application

Download for Windows

Also available for [Mac](#) and [Linux](#)

lucaslrodrigues

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Lucas

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Community User

Joined April 15, 2024

Repositories

Starred

Contributed

No repositories

This profile does not have any public repositories

- Criando repositório.

**Create repository**

Namespace:  Repository Name:

Short description:

Visibility: ☒ Public (Appears in Docker Hub search results) ☐ Private (Only visible to you)

Pushing images: You can push a new image to this repository using the CLI:  
`docker tag local-image:tagname new-repo:tagname`  
`docker push new-repo:tagname`

Make sure to replace `tagname` with your desired image repository tag.

[Cancel](#) [Create](#)

**lucaslrodrigues/faculdade**

Created less than a minute ago

Repositório destinado às atividades da faculdade.

This repository does not have a category

**Docker commands**

To push a new tag to this repository:  
`docker push lucaslrodrigues/faculdade:tagname`

- Tagueando imagem.

```
ubuntu@ip-10-0-0-250:~$ docker image tag my_image lucaslrodrigues/faculdade:lucas01222017
ubuntu@ip-10-0-0-250:~$
```

- Logando no docker via CLI.

```
ubuntu@ip-10-0-0-250:~$ docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: lucaslrodrigues
Password:
WARNING! Your password will be stored unencrypted in /home/ubuntu/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
ubuntu@ip-10-0-0-250:~$
```

- Subindo imagem para o repositório via push.

```
ubuntu@ip-10-0-0-250:~$ docker push lucaslrodrigues/faculdade:lucas01222017
The push refers to repository [docker.io/lucaslrodrigues/faculdade]
0e137f8696af: Pushed
fc62225e7890: Pushed
75960f7ec704: Pushed
4a4c3fe4d6e7: Pushed
c4484f227d5e: Pushed
2ee294939e65: Pushed
87a8a3a2ab9c: Pushed
1f00ff201478: Pushed
lucas01222017: digest: sha256:fea92c1ac56bd7a240e2f7767f123e0619c97eab2324562a2254db76d360db62 size: 1985
ubuntu@ip-10-0-0-250:~$
```

## Realizando pull na VM

- Copiando e realizando o pull

TAG

lucas01222017

Last pushed a minute ago by [lucaslrodrigues](#)

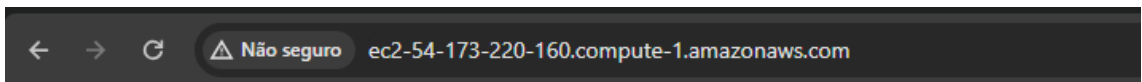
docker pull lucaslrodrigues/faculdade:lucas01222017 Copied!

```
ubuntu@ip-10-0-0-250:~$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
ubuntu@ip-10-0-0-250:~$ docker pull lucaslrodrigues/faculdade:lucas01222017
lucas01222017: Pulling from lucaslrodrigues/faculdade
13808c22b207: Pull complete
6fcdffcd79f0: Pull complete
fbf231d461b3: Pull complete
c9590dd9c988: Pull complete
b4033143d859: Pull complete
abaefc5fcbde: Pull complete
bcef83155b8b: Pull complete
5f1e5455813e: Pull complete
Digest: sha256:fea92c1ac56bd7a240e2f7767f123e0619c97eab2324562a2254db76d360db62
Status: Downloaded newer image for lucaslrodrigues/faculdade:lucas01222017
docker.io/lucaslrodrigues/faculdade:lucas01222017
ubuntu@ip-10-0-0-250:~$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
lucaslrodrigues/faculdade lucas01222017 a9dc0acdb776 51 minutes ago 187MB
ubuntu@ip-10-0-0-250:~$
```

- Rodando imagem instalada.

```
ubuntu@ip-10-0-0-250:~$ sudo docker run -d -p 80:80 --name app lucaslrodrigues/faculdade:lucas01222017
88843d779ceba8fc75c7f1466483c64026c6b20094fdd5d6db559969a532b559
ubuntu@ip-10-0-0-250:~$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
88843d779ceb lucaslrodrigues/faculdade:lucas01222017 "/docker-entrypoint..." 42 seconds ago Up 41 seconds 0.0.0.0:80->80/tcp, :::80->80/tcp app
ubuntu@ip-10-0-0-250:~$
```

- Acessando o web server.



# Olá, mundo!

Este é meu primeiro container