

Atividade 04- Administração de Redes
Nome: Iarley Santos da Rocha
Curso: Telemática

Passo a passo da criação da imagem no docker hub

Passo 1

```
iarley@DESKTOP-BNNDJ0A: /mnt/c/Users/Iarley$ sudo apt update
/home/Iarley/.hushlogin file.
[sudo] password for iarley:
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Get:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [21.5 kB]
Get:5 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.2 kB]
Get:6 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:7 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:8 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:9 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1541 kB]
Get:10 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [175 kB]
Get:11 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [377 kB]
Get:12 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:13 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:14 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [7148 B]
Get:15 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [11.0 kB]
Get:16 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:17 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Fetched 2566 kB in 3s (928 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
19 packages can be upgraded. Run 'apt list --upgradable' to see them.
iarley@DESKTOP-BNNDJ0A: /mnt/c/Users/Iarley$ sudo apt install docker.io
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
```

Passo 2

```
iarley@DESKTOP-BNNDJ0A: /mnt/c/Users/Iarley
B]
Get:15 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [1
1.0 kB]
Get:16 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components
[216 B]
Get:17 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components
[212 B]
Fetched 2566 kB in 3s (928 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
19 packages can be upgraded. Run 'apt list --upgradable' to see them.
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ sudo apt install docker.io
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
docker.io is already the newest version (28.2.2-0ubuntu1~24.04.1).
The following package was automatically installed and is no longer required:
  libllvm19
Use 'sudo apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 19 not upgraded.
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ sudo systemctl start docker
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ sudo systemctl enable docker
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker login
Authenticating with existing credentials... [Username: iarleysantos]

Info → To login with a different account, run 'docker logout' followed by 'docker
login'

Login Succeeded
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
Digest: sha256:66460d557b25769b102175144d538d88219c077c678a49af4afca6fbfc1b5252
Status: Image is up to date for ubuntu:latest
docker.io/library/ubuntu:latest
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$
```

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Passo 3

```
root@e37b81e62c53: /
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
19 packages can be upgraded. Run 'apt list --upgradable' to see them.
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ sudo apt install docker.io
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
docker.io is already the newest version (28.2.2-0ubuntu1~24.04.1).
The following package was automatically installed and is no longer required:
  liblvm19
Use 'sudo apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 19 not upgraded.
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ sudo systemctl start docker
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ sudo systemctl enable docker
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker login
Authenticating with existing credentials... [Username: iarleysantos]

Info → To login with a different account, run 'docker logout' followed by 'docker login'

Login Succeeded
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
Digest: sha256:66460d557b25769b102175144d538d88219c077c678a49af4afca6fbfc1b5252
Status: Image is up to date for ubuntu:latest
docker.io/library/ubuntu:latest
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker run -it --name meu ubuntu ubuntu /bin/bash
docker: Error response from daemon: failed to create task for container: failed to create shim task: OCI runtime create failed: runc create failed: unable to start container process: error during container init: exec: "ubuntu": executable file not found in $PATH: unknown

Run 'docker run --help' for more information
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker run -it --name meu-ubuntu ubuntu /bin/bash
root@e37b81e62c53:/#
```

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Passo 4

```
root@e37b81e62c53: /

Run 'docker run --help' for more information
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker run -it --name meu-ubuntu ubuntu
/bin/bash
root@e37b81e62c53:/# apt update
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble InRelease [256 kB]
Get:3 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [26
24 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:6 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [1167
kB]
Get:7 http://archive.ubuntu.com/ubuntu noble/main amd64 Packages [1808 kB]
Get:8 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [33
.1 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1587 kB]
Get:10 http://archive.ubuntu.com/ubuntu noble/universe amd64 Packages [19.3 MB]
Get:11 http://archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [331 kB]
Get:12 http://archive.ubuntu.com/ubuntu noble/restricted amd64 Packages [117 kB]
Get:13 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1937
kB]
Get:14 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1952 kB]
Get:15 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [35.
9 kB]
Get:16 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [275
4 kB]
Get:17 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Packages [49.4 kB
]
Get:18 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [33.
9 kB]
Fetched 34.4 MB in 5s (6954 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
2 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@e37b81e62c53:/# apt install -y nginx
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
```

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Passo 5

```
iarley@DESKTOP-BNNDJ0A: /mnt/c/Users/Iarley
annot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 79.)
debconf: falling back to frontend: Readline
debconf: unable to initialize frontend: Readline
debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::R
eadLine module) (@INC entries checked: /etc/perl /usr/local/lib/x86_64-linux-gnu/per
l/5.38.2 /usr/local/share/perl/5.38.2 /usr/lib/x86_64-linux-gnu/perl5/5.38 /usr/shar
e/perl5 /usr/lib/x86_64-linux-gnu/perl-base /usr/lib/x86_64-linux-gnu/perl/5.38 /usr
/share/perl/5.38 /usr/local/lib/site_perl) at /usr/share/perl5/Debconf/FrontEnd/Read
line.pm line 8.)
debconf: falling back to frontend: Teletype
Setting up libbpf1:amd64 (1:1.3.0-2build2) ...
Setting up iproute2 (6.1.0-1ubuntu6.2) ...
debconf: unable to initialize frontend: Dialog
debconf: (No usable dialog-like program is installed, so the dialog based frontend c
annot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 79.)
debconf: falling back to frontend: Readline
debconf: unable to initialize frontend: Readline
debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::R
eadLine module) (@INC entries checked: /etc/perl /usr/local/lib/x86_64-linux-gnu/per
l/5.38.2 /usr/local/share/perl/5.38.2 /usr/lib/x86_64-linux-gnu/perl5/5.38 /usr/shar
e/perl5 /usr/lib/x86_64-linux-gnu/perl-base /usr/lib/x86_64-linux-gnu/perl/5.38 /usr
/share/perl/5.38 /usr/local/lib/site_perl) at /usr/share/perl5/Debconf/FrontEnd/Read
line.pm line 8.)
debconf: falling back to frontend: Teletype
Setting up nginx (1.24.0-2ubuntu7.5) ...
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Processing triggers for libc-bin (2.39-0ubuntu8.6) ...
root@e37b81e62c53:/# nginx -v
nginx version: nginx/1.24.0 (Ubuntu)
root@e37b81e62c53:/# exit
exit
iarley@DESKTOP-BNNDJ0A: /mnt/c/Users/Iarley$
```

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Passo 6

```

iarley@DESKTOP-BNNDJ0A: /mnt/c/Users/Iarley
eadLine module) (@INC entries checked: /etc/perl /usr/local/lib/x86_64-linux-gnu/per
l/5.38.2 /usr/local/share/perl/5.38.2 /usr/lib/x86_64-linux-gnu/perl5/5.38 /usr/shar
e/perl5 /usr/lib/x86_64-linux-gnu/perl-base /usr/lib/x86_64-linux-gnu/perl/5.38 /usr
/share/perl/5.38 /usr/local/lib/site_perl) at /usr/share/perl5/Debconf/FrontEnd/Read
line.pm line 8.)
debconf: falling back to frontend: Teletype
Setting up libbpf1:amd64 (1:1.3.0-2build2) ...
Setting up iproute2 (6.1.0-1ubuntu6.2) ...
debconf: unable to initialize frontend: Dialog
debconf: (No usable dialog-like program is installed, so the dialog based frontend c
annot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 79.)
debconf: falling back to frontend: Readline
debconf: unable to initialize frontend: Readline
debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::R
eadLine module) (@INC entries checked: /etc/perl /usr/local/lib/x86_64-linux-gnu/per
l/5.38.2 /usr/local/share/perl/5.38.2 /usr/lib/x86_64-linux-gnu/perl5/5.38 /usr/shar
e/perl5 /usr/lib/x86_64-linux-gnu/perl-base /usr/lib/x86_64-linux-gnu/perl/5.38 /usr
/share/perl/5.38 /usr/local/lib/site_perl) at /usr/share/perl5/Debconf/FrontEnd/Read
line.pm line 8.)
debconf: falling back to frontend: Teletype
Setting up nginx (1.24.0-2ubuntu7.5) ...
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Processing triggers for libc-bin (2.39-0ubuntu8.6) ...
root@e37b81e62c53:/# nginx -v
nginx version: nginx/1.24.0 (Ubuntu)
root@e37b81e62c53:/# exit
exit
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ commit
Command 'commit' not found, did you mean:
  command 'commix' from snap commix (v4.0-2-g79909148)
See 'snap info <snapname>' for additional versions.
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS
PORTS         NAMES
e37b81e62c53   ubuntu        "/bin/bash"             4 minutes ago   Exited (0) 2 minutes a
go
2947cf294b23   meu-ubuntu    "ubuntu /bin/bash"      6 minutes ago   Created
meu

iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$

```


Passo 7

```

iarley@DESKTOP-BNNDJ0A: /mnt/c/Users/Iarley
Setting up iproute2 (6.1.0-1ubuntu6.2) ...
debconf: unable to initialize frontend: Dialog
debconf: (No usable dialog-like program is installed, so the dialog based frontend c
annot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 79.)
debconf: falling back to frontend: Readline
debconf: unable to initialize frontend: Readline
debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::R
eadLine module) (@INC entries checked: /etc/perl /usr/local/lib/x86_64-linux-gnu/per
l/5.38.2 /usr/local/share/perl/5.38.2 /usr/lib/x86_64-linux-gnu/perl5/5.38 /usr/shar
e/perl5 /usr/lib/x86_64-linux-gnu/perl-base /usr/lib/x86_64-linux-gnu/perl/5.38 /usr
/share/perl/5.38 /usr/local/lib/site_perl) at /usr/share/perl5/Debconf/FrontEnd/Read
line.pm line 8.)
debconf: falling back to frontend: Teletype
Setting up nginx (1.24.0-2ubuntu7.5) ...
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Processing triggers for libc-bin (2.39-0ubuntu8.6) ...
root@e37b81e62c53:/# nginx -v
nginx version: nginx/1.24.0 (Ubuntu)
root@e37b81e62c53:/# exit
exit
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ commit
Command 'commit' not found, did you mean:
  command 'commix' from snap commix (v4.0-2-g79909148)
See 'snap info <snapname>' for additional versions.
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS
PORTS         NAMES
e37b81e62c53   ubuntu    "/bin/bash"            4 minutes ago   Exited (0) 2 minutes a
go
2947cf294b23   ubuntu    "ubuntu /bin/bash"     6 minutes ago   Created
meu
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker commit meu-ubuntu iarleysantos/ub
untu-nginx:v1
sha256:32704b503c4a009750dcecdac997d115ab1c187550038fd434f896658865e86f
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
iarleysantos/ubuntu-nginx   v1         32704b503c4a  8 seconds ago  140MB
ubuntu              latest     97bed23a3497  3 weeks ago   78.1MB
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$

```

Passo 8

```
iarley@DESKTOP-BNNDJ0A: /mnt/c/Users/Iarley
u_usuario_dockerhub/ubuntu-nginx:v1docker: 'docker push' requires 1 argument

Usage:  docker push [OPTIONS] NAME[:TAG]

Run 'docker push --help' for more information
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$ docker push iarleysantos/ubuntu-nginx:v1
The push refers to repository [docker.io/iarleysantos/ubuntu-nginx]
bf0941ac2450: Pushed
973ec47a8c22: Mounted from library/ubuntu
v1: digest: sha256:53b307c503784074d5131584066b5017b75af2fda3e7536777181710919b74c4
size: 741
iarley@DESKTOP-BNNDJ0A:/mnt/c/Users/Iarley$
```

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Passo 9 - conclusão

hub

Explorar

Meu Hub

Pesquisar Docker Hub

Ctrl K


Esc

Escolha

Ação necessária

EU

Explorar / iarleysantos / ubuntu-nginx



iarleysantos/ubuntu-nginx

Por iarleysantos · Atualizado há 9 minutos

IMAGEM

☆0 ↓3

Gerenciar Repositório

Visão geral

Etiquetas

Nenhuma visão geral disponível

Este repositório não possui uma visão geral

Resumo da tag

Tags recentes


v1

Tipo de conteúdo

Imagem

Digitar

sha256:53b307c50 ...



POR

17:15

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