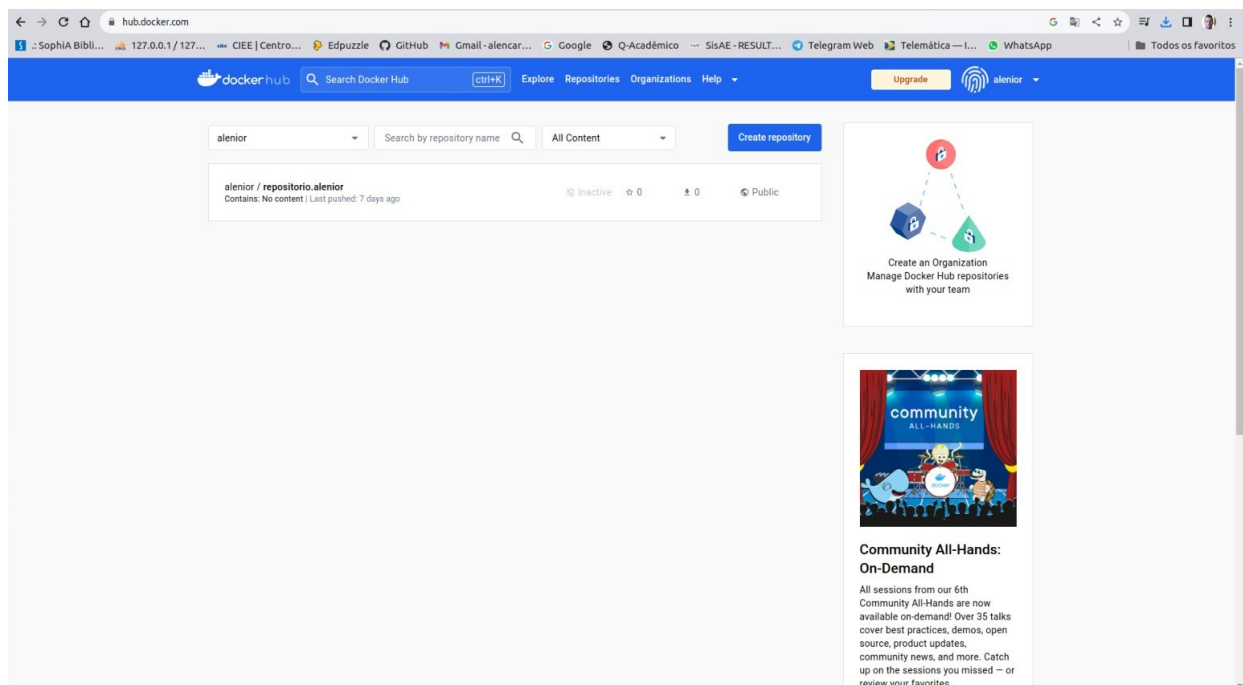


TECNOLOGIA EM TELEMÁTICA
ADMINISTRAÇÃO DE SISTEMA DE REDES
PROFESSOR: RICARDO DUARTE TAVEIRA
ALUNO: JOSÉ DE ALENCAR DE SOUSA JÚNIOR MATRÍCULA: 20221013020093

AVALIAÇÃO 7



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21 [34 de 128] Containers com Docker: Do desenvolvimento à produção 57,4% Q -
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```
lenovo@notealenior: ~/Dockerfile
lenovo@notealenior:~/Dockerfile$ sudo docker build -t nginx .
[sudo] senha para lenovo:
STEP 1/4: FROM ubuntu
STEP 2/4: MAINTAINER Alencar Júnior <alencar.junior00@aluno.ufce.edu.br>
--> 7690b83ef21
STEP 3/4: RUN apt-get update
Get:1 http://archive.ubuntu.com/ubuntu jammy InRelease [270 kB]
Get:2 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:3 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1203 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy/restricted amd64 Packages [164 kB]
Get:7 http://archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [17.5 MB]
Get:8 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [1404 kB]
Get:9 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [44.0 kB]
Get:10 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [1010 kB]
Get:11 http://archive.ubuntu.com/ubuntu jammy/main amd64 Packages [1792 kB]
Get:12 http://archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [260 kB]
Get:13 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1473 kB]
Get:14 http://archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [49.8 kB]
Get:15 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1278 kB]
Get:16 http://archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [1430 kB]
Get:17 http://archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [70.3 kB]
Get:18 http://archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [32.6 kB]
Fetched 28.3 MB in 55s (517 kB/s)
Reading package lists...
--> 5199f8dd0
STEP 4/4: RUN apt-get install -y nginx
Reading package lists...
Building dependency tree...
Reading state information...
The following additional packages will be installed:
  fontconfig-config fonts-dejavu-core iproute2 libatm1 libbpf0 libbrotli1
  libbsd0 libc-bin libdeflate0 libelf1 libexpat1 libfontconfig1
  libfreetype6 libgd3 libicu70 libjpeg-turbo8 libjpeg8 libmaxminddb0
  libmd0 libmnl0 libnginx-mod-http-geoip2 libnginx-mod-http-image-filter
  libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream
  libnginx-mod-stream-geoip2 libpan-cap libpng16-16 librtf5 libwebp7 libx11-6
  libx1-data libxmu6 libxcb1 libxdmcp6 libxln12 libxpm4 libxslt1.1
  libxtables12 nginx-common nginx-core ucf
Suggested packages:
  iproute2-doc libgd-tools mdb-bin fglwrap nginx-doc ssl-cert
The following NEW packages will be installed:
  fontconfig-config fonts-dejavu-core iproute2 libatm1 libbpf0 libbrotli1
  libbsd0 libc-bin libdeflate0 libelf1 libexpat1 libfontconfig1
  libfreetype6 libgd3 libicu70 libjpeg-turbo8 libjpeg8 libmaxminddb0
  libmd0 libmnl0 libnginx-mod-http-geoip2 libnginx-mod-http-image-filter
  libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream
  libnginx-mod-stream-geoip2 libpan-cap libpng16-16 librtf5 libwebp7 libx11-6
  libx1-data libxmu6 libxcb1 libxdmcp6 libxln12 libxpm4 libxslt1.1
  libxtables12 nginx-common nginx-core ucf
```

```
21 [34 de 128] Containers com Docker: Do desenvolvimento à produção 57,4% Q -
```

```
lenovo@notealenior: ~/Dockerfile
Setting up libnginx-mod-http-geoip2 (1:18.0-6ubuntu14.4) ...
Setting up libbsd0:amd64 (0.11.5-1) ...
Setting up libelf1:amd64 (0.186-1ubuntu1) ...
Setting up libpan-cap:amd64 (1:2.44-1ubuntu0.22.04.1) ...
debconf: unable to initialize frontend: Dialog
debconf: (TERM is not set, so the dialog frontend is not usable.)
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::Readline module) (@INC contains: /etc/perl /usr/local/lib/x86_64-linux-gnu/perl/5.34.0 /usr/local/share/perl/5.34.0 /usr/lib/x86_64-linux-gnu/perl5/5.34 /usr/share/perl5 /usr/lib/x86_64-linux-gnu/perl-base /usr/lib/x86_64-linux-gnu/perl/5.34 /usr/share/perl/5.34 /usr/local/lib/site_perl) at /usr/share/p
r5/Debian/Frontend/Readline.pm line 7.)
debconf: falling back to frontend: Teletype
Setting up libicu70:amd64 (70.1-2) ...
Setting up libjpeg8:amd64 (8c-2ubuntu10) ...
Setting up libnginx-mod-mail (1:18.0-6ubuntu14.4) ...
Setting up libxdmcp6:amd64 (1:1.1.3-0ubuntu5) ...
Setting up libxcb1:amd64 (1.14-3ubuntu3) ...
Setting up fontconfig-config (2.13.1-4.2ubuntu5) ...
Setting up libnginx-mod-stream (1:18.0-6ubuntu14.4) ...
Setting up libfreetype6:amd64 (2.11.1+dfsg-1ubuntu0.2) ...
Setting up libx11-6:amd64 (2:1.7.5-1ubuntu0.3) ...
Setting up librtf5:amd64 (4.3.0-6ubuntu0.6) ...
Setting up libfontconfig1:amd64 (2.13.1-4.2ubuntu5) ...
Setting up libbpf0:amd64 (1:0.5.0-1ubuntu22.04.1) ...
Setting up libnginx-mod-stream-geoip2 (1:18.0-6ubuntu14.4) ...
Setting up libxln12:amd64 (2.9.13+dfsg-1ubuntu0.3) ...
Setting up libxpm4:amd64 (1:3.5-12-ubuntu0.22.04.2) ...
Setting up iproute2 (5.15.0-1ubuntu2) ...
debconf: unable to initialize frontend: Dialog
debconf: (TERM is not set, so the dialog frontend is not usable.)
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::Readline module) (@INC contains: /etc/perl /usr/local/lib/x86_64-linux-gnu/perl/5.34.0 /usr/local/share/perl/5.34.0 /usr/lib/x86_64-linux-gnu/perl5/5.34 /usr/share/perl5 /usr/lib/x86_64-linux-gnu/perl-base /usr/lib/x86_64-linux-gnu/perl/5.34 /usr/share/perl/5.34 /usr/local/lib/site_perl) at /usr/share/p
r5/Debian/Frontend/Readline.pm line 7.)
debconf: falling back to frontend: Teletype
Setting up libgd3:amd64 (2.3.0-2ubuntu2) ...
Setting up libxslt1.1:amd64 (1.1.34-4ubuntu0.22.04.1) ...
Setting up libnginx-mod-http-image-filter (1:18.0-6ubuntu14.4) ...
Setting up libnginx-mod-http-xslt-filter (1:18.0-6ubuntu14.4) ...
Setting up nginx-core (1:18.0-6ubuntu14.4) ...
Not attempting to start NGINX, port 80 is already in use.
Setting up nginx (1:18.0-6ubuntu14.4) ...
Processing triggers for libc-bin (2.35-0ubuntu3.4) ...
COMMIT nginx
--> 77e74a41e8
Successfully tagged localhost/nginx:latest
77e74a41e8dc790c172Debacf2024bc3e2fd0a764efc02ebc218c58dc4e8
lenovo@notealenior:~/Dockerfile$
```

```
$ curl -IL http://localhost:8080
```

```
lenovo@notealenior: ~/Dockerfile
r15/Debianconf/FrontEnd/Readline.pm line 7.)
debconf: falling back to frontend: Teletype
Setting up libgd3:amd64 (2.3.0-2ubuntu2) ...
Setting up libxslt1.1:amd64 (1.1.34-4ubuntu0.22.04.1) ...
Setting up libnginx-mod-http-image-filter (1.18.0-6ubuntu14.4) ...
Setting up libnginx-mod-http-xslt-filter (1.18.0-6ubuntu14.4) ...
Setting up nginx-core (1.18.0-6ubuntu14.4) ...
Not attempting to start NGINX, port 80 is already in use.
Setting up nginx (1.18.0-6ubuntu14.4) ...
Processing triggers for libc-bin (2.35-0ubuntu3.4) ...
COMMIT nginx
--> 77e74a441e8
Successfully tagged localhost/ubuntu/nginx:latest
77e74a441e8dc7980c1720ebac6f2024bc3e2fda9764efc02ebc218c58dc4e8
lenovo@notealenior: ~/Dockerfile$ sudo docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
localhost/ubuntu/nginx   latest             77e74a441e8b       3 minutes ago      182 MB
<none>                <none>             bd4dc476467d       6 days ago         182 MB
docker.io/library/ubuntu latest             e4c58958181a       6 weeks ago        80.4 MB
lenovo@notealenior: ~/Dockerfile$ sudo docker run -d -p 8080:80 nginx /usr/sbin/nginx -g
'daemon off;'
7ad29d4b4ad2e3841a9fc50a24a843d47dfa9b8d8fb8bfc6602eacbe9f4fced9
daemon off:: comando não encontrado
lenovo@notealenior: ~/Dockerfile$ curl -IL http://localhost:8080
curl: (7) Failed to connect to localhost port 8080 after 0 ms: Conexão recusada
lenovo@notealenior: ~/Dockerfile$
```

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Containers com Docker: Do desenvolvimento à produção
containers.com-docker-do-desenvolvimento-a-producao.pdf
57,4%
lenovo@notealenior: ~/Dockerfile
lenovo@notealenior: ~/Dockerfile$ sudo docker pull rails
Error: short-name "rails" did not resolve to an alias and no unqualified-search registries are defined in "/etc/containers/registries.conf"
lenovo@notealenior: ~/Dockerfile$ podman login docker.io
Username: alenior
Password:
Login Succeeded!
lenovo@notealenior: ~/Dockerfile$ sudo docker tag 77e74a441e8b localhost/ubuntu/nginx:latest
lenovo@notealenior: ~/Dockerfile$ sudo docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
localhost/ubuntu/nginx   latest             77e74a441e8b       11 minutes ago     182 MB
<none>                <none>             bd4dc476467d       6 days ago         182 MB
docker.io/library/ubuntu latest             e4c58958181a       6 weeks ago        80.4 MB
lenovo@notealenior: ~/Dockerfile$ sudo docker push localhost/ubuntu/nginx
Getting image source signatures
WARN[0000] failed, retrying in 1s ... (1/3). Error: trying to reuse blob sha256:256d88da41857db513b95b50ba9a9b28491b58c954e25477d5dad8abb465430b at destination: pinging container registry localhost:
ost: Get "https://localhost/v2/": dial tcp 127.0.0.1:443: connect: connection refused
Getting image source signatures
WARN[0001] failed, retrying in 1s ... (2/3). Error: trying to reuse blob sha256:256d88da41857db513b95b50ba9a9b28491b58c954e25477d5dad8abb465430b at destination: pinging container registry localhost:
ost: Get "https://localhost/v2/": dial tcp 127.0.0.1:443: connect: connection refused
Getting image source signatures
WARN[0002] failed, retrying in 1s ... (3/3). Error: trying to reuse blob sha256:256d88da41857db513b95b50ba9a9b28491b58c954e25477d5dad8abb465430b at destination: pinging container registry localhost:
ost: Get "https://localhost/v2/": dial tcp 127.0.0.1:443: connect: connection refused
Getting image source signatures
Error: trying to reuse blob sha256:256d88da41857db513b95b50ba9a9b28491b58c954e25477d5dad8abb465430b at destination: pinging container registry localhost: Get "https://localhost/v2/": dial tcp 127.0.0.1:443: connect: connection refused
lenovo@notealenior: ~/Dockerfile$
```