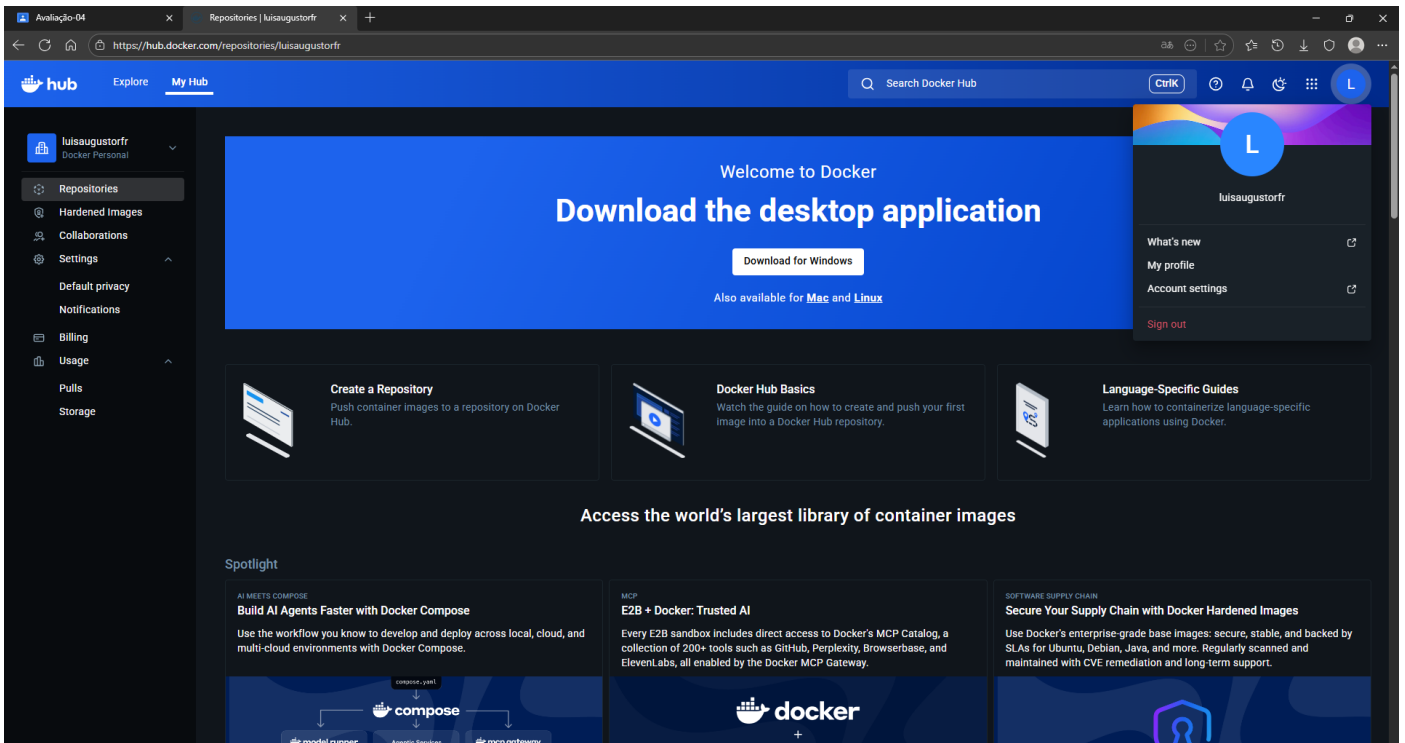
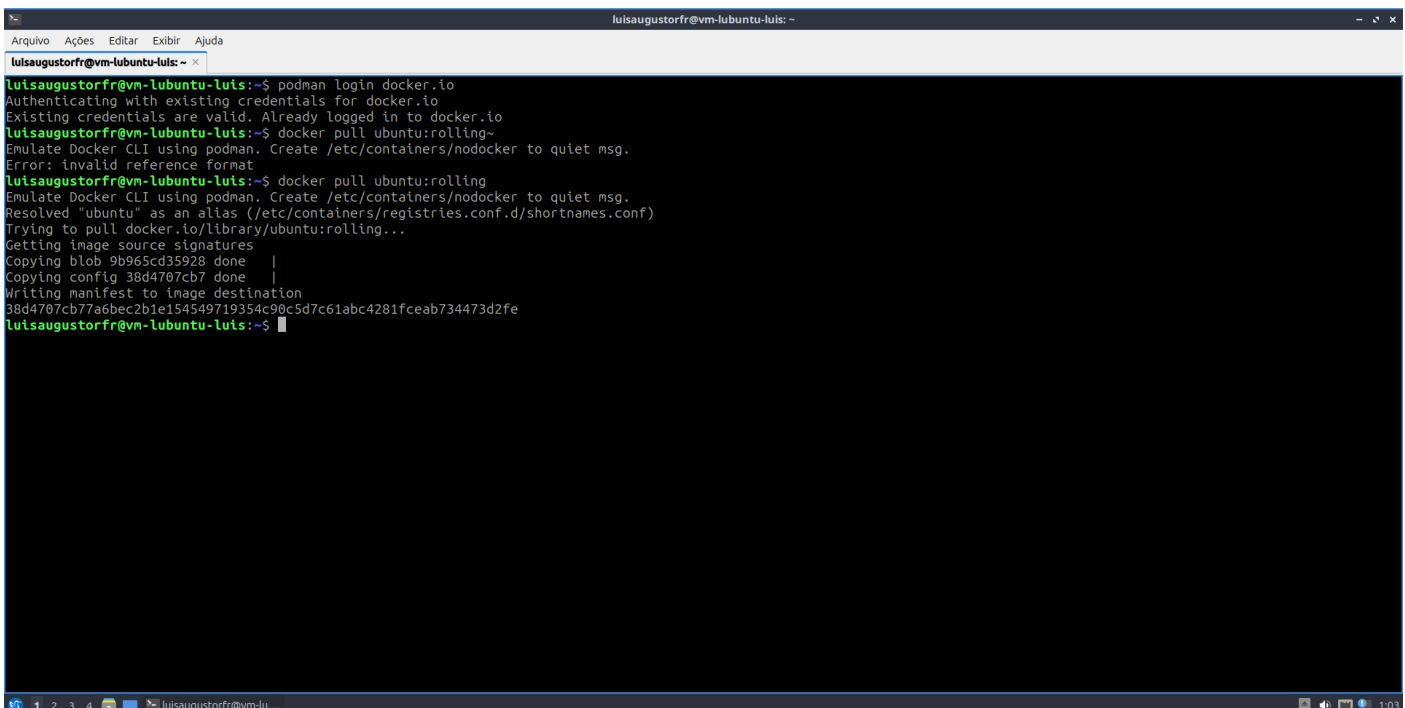


Aluno: Luis Augusto Raulino Frota, ASR 2025.2 - Telemática
Usando uma instalação do Linux Ubuntu no Virtual Box faça as seguintes atividades:

1. Crie uma conta no DockerHub <https://hub.docker.com/repositories/luisaugustorfr>



2. Faça um pull de uma imagem ubuntu



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

```
root@fa88fddd8641: /  
Luisaugustorfr@vm-lubuntu-luis:~$ podman login docker.io  
Authenticating with existing credentials for docker.io  
Existing credentials are valid. Already logged in to docker.io  
Luisaugustorfr@vm-lubuntu-luis:~$ docker pull ubuntu:rolling-  
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.  
Error: invalid reference format  
Luisaugustorfr@vm-lubuntu-luis:~$ docker pull ubuntu:rolling  
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.  
Resolved "ubuntu" as an alias (/etc/containers/registries.conf.d/shortnames.conf)  
Trying to pull docker.io/library/ubuntu:rolling...  
Getting image source signatures  
Copying blob 9b965cd35928 done |  
Copying config 38d4707cb7 done |  
Writing manifest to image destination  
38d4707cb77a6bec2b1e154549719354c90c5d7c61abc4281fceab734473d2fe  
Luisaugustorfr@vm-lubuntu-luis:~$ docker run -it ubuntu  
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.  
Resolved "ubuntu" as an alias (/etc/containers/registries.conf.d/shortnames.conf)  
Trying to pull docker.io/library/ubuntu:latest...  
Getting image source signatures  
Copying blob 20043066d3d5 done |  
Copying config c3a134f2ac done |  
Writing manifest to image destination  
root@fa88fddd8641:/#
```

4. Instale no container o nginx

```
root@fa88fddd8641: /  
debconf: unable to initialize frontend: Dialog  
debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot 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::ReadLine module) (@INC entries checked: /etc/perl /usr/local/lib/x86_64-linux-gnu/perl/5.38.2 /usr/local/share/perl/5.38.2 /usr/lib/x86_64-linux-gnu/perl5/5.38 /usr/share/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/Readline.pm line 8.)  
debconf: falling back to frontend: Teletype  
Setting up libelft64:amd64 (0.190-1.1ubuntu0.1) ...  
Setting up libcap2-bin (1:2.66-5ubuntu2.2) ...  
Setting up libnsl0:amd64 (1.0.0-2build1) ...  
Setting up libxtables12:amd64 (1.8.10-3ubuntu2) ...  
Setting up libpam-cap:amd64 (1:2.66-5ubuntu2.2) ...  
debconf: unable to initialize frontend: Dialog  
debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot 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::ReadLine module) (@INC entries checked: /etc/perl /usr/local/lib/x86_64-linux-gnu/perl/5.38.2 /usr/local/share/perl/5.38.2 /usr/lib/x86_64-linux-gnu/perl5/5.38 /usr/share/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/Readline.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 cannot 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::ReadLine module) (@INC entries checked: /etc/perl /usr/local/lib/x86_64-linux-gnu/perl/5.38.2 /usr/local/share/perl/5.38.2 /usr/lib/x86_64-linux-gnu/perl5/5.38 /usr/share/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/Readline.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@fa88fddd8641:/# nginx -v  
nginx version: nginx/1.24.0 (Ubuntu)  
root@fa88fddd8641:/#
```

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

```
luisaugustorfr@vm-lubuntu-luis: ~  
debconf: unable to initialize frontend: Dialog  
debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot 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::ReadLine module) (@INC entries checked: /etc/perl /usr/local/lib/x86_64-linux-gnu/perl/5.38.2 /usr/local/share/perl/5.38.2 /usr/lib/x86_64-linux-gnu/perl/5.38 /usr/share/perl5 /usr/lib/x86_64-linux-gnu/perl-base /usr/lib/x86_64-linux-gnu/perl/5.38 /usr/share/p  
erl/5.38 /usr/local/lib/site_perl) at /usr/share/perl5/Debconf/FrontEnd/Readline.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@fa88fddd8641:/# nginx -v  
nginx version: nginx/1.24.0 (Ubuntu)  
root@fa88fddd8641:/# service nginx start  
* Starting nginx nginx  
root@fa88fddd8641:/# exit  
exit  
luisaugustorfr@vm-lubuntu-luis:~$ docker ps -a  
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.  
CONTAINER ID   IMAGE                                COMMAND                  CREATED          STATUS          PORTS          NAMES  
fa88fddd8641   docker.io/library/ubuntu:latest    /bin/bash               8 minutes ago   Exited (0) 19 seconds ago          festive_matsumoto  
luisaugustorfr@vm-lubuntu-luis:~$ docker commit fa88fddd8641 luisaugustorfr/ubuntu-nginx:1.0  
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.  
Getting image source signatures  
Copying blob e8bce0aabd68 skipped: already exists  
Copying blob 0ad77702d06f done |  
Copying config 8e966ff0a9 done |  
Writing manifest to image destination  
8e966ff0a9528ad1df325ced0f3cc73ae4b294e2de86ce46ef8e5bbd443c5637  
luisaugustorfr@vm-lubuntu-luis:~$ docker push luisaugustorfr/ubuntu-nginx:1.0  
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.  
Getting image source signatures  
Copying blob 0ad77702d06f done |  
Copying blob 20043066d3d5 skipped: already exists  
Copying config 8e966ff0a9 done |  
Writing manifest to image destination  
luisaugustorfr@vm-lubuntu-luis:~$
```

6. Faça um push dessa imagem para a sua conta no Dockerhub; <https://hub.docker.com/repositories/luisaugustorfr>

The screenshot shows the Docker Hub interface for the repository `luisaugustorfr/ubuntu-nginx`. The page is titled "Repositories / ubuntu-nginx / General". It shows the repository was last pushed 1 minute ago. The "Tags" section indicates the repository contains 1 tag(s), with a table showing the tag `1.0` as an "Image" type, pushed "less than 1 day" ago. The "Repository overview" section is marked as "INCOMPLETE" and includes a button to "Add overview". On the right, there is a "Docker commands" section with the command `docker push luisaugustorfr/ubuntu-nginx:tagname` and a "Public view" button. Below this is a "buildcloud" advertisement for Docker Build Cloud.