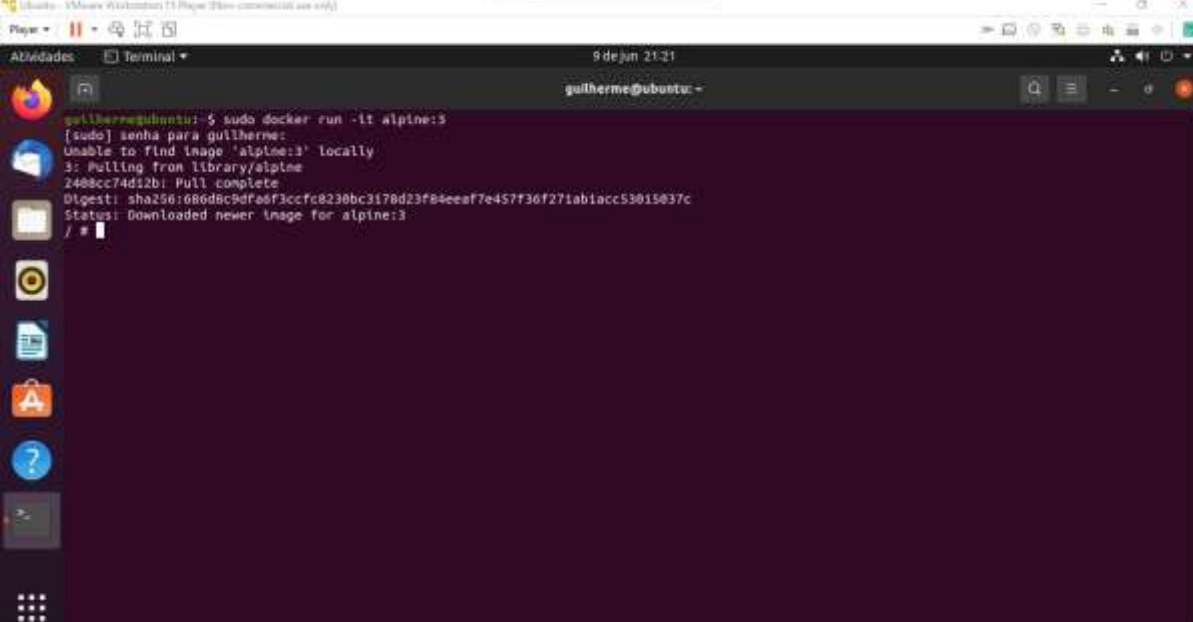


Avaliação 6 - SOR2

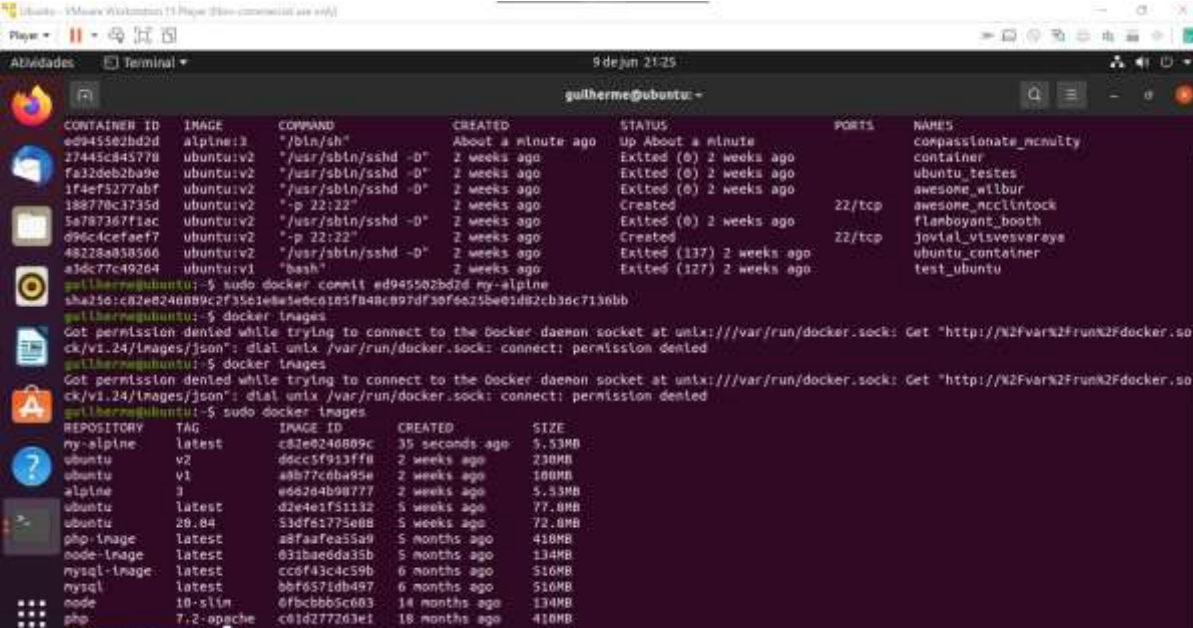
Guilherme Estevam de Castro e Rafael Alexandre Linhares

Criando Imagem Alpine



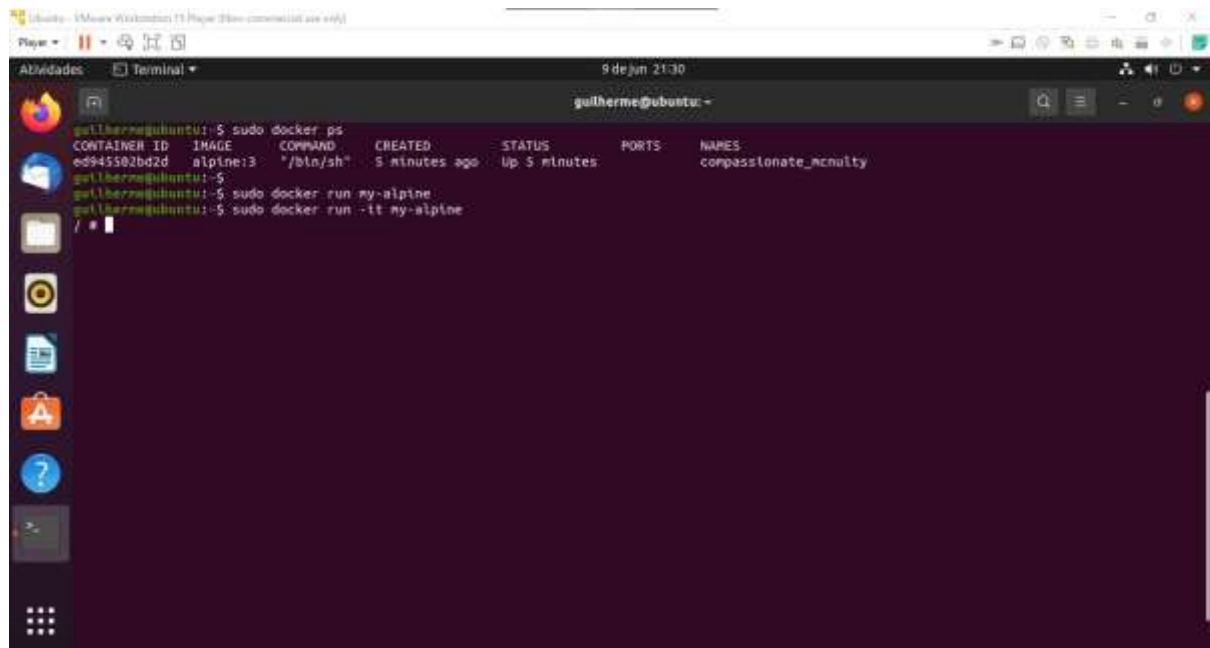
```
guilherme@ubuntu: ~$ sudo docker run -it alpine:3
[sudo] senha para guilherme:
Unable to find image 'alpine:3' locally
3: Pulling from library/alpine
2488cc74d12b: Pull complete
Digest: sha256:686d8c9dFa6f3ccfc8238bc3178d23f84eeaf7e457f36f271abiacc53015037c
Status: Downloaded newer image for alpine:3
/#
```

Salvando a Imagem



```
guilherme@ubuntu: ~$ sudo docker commit ed945502bd2d ry-alpine
sha256:c82e240809c2f35e1e6e5edc105f848c897df30f6e25be01d82cb3ac7130bb
guilherme@ubuntu: ~$ docker images
Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://N2FvarN2FrunN2Fdocker.sock/v1.24/images/json": dial unix /var/run/docker.sock: connect: permission denied
guilherme@ubuntu: ~$ docker images
Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://N2FvarN2FrunN2Fdocker.sock/v1.24/images/json": dial unix /var/run/docker.sock: connect: permission denied
guilherme@ubuntu: ~$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
ry-alpine     latest   c82e240809c   35 seconds ago  5.53MB
ubuntu        v2       d6cc5f913ff8   2 weeks ago    230MB
ubuntu        v1       a8b77c6b495e   2 weeks ago    100MB
alpine        3        e66264b98777   2 weeks ago    5.53MB
ubuntu        latest   d2e4e1f51132   5 weeks ago    77.8MB
ubuntu        20.04    53df61775e88   5 weeks ago    72.8MB
php-image     latest   a8faafea55a9   5 months ago    410MB
node-image    latest   831bae6da35b   5 months ago    134MB
mysql-image   latest   ccf43c4c59b6   6 months ago    516MB
mysql         latest   bbf6571db497   6 months ago    516MB
node          10-slim  6fcbbbb5c603   14 months ago   134MB
php           7.2-apache c61d277263e1   18 months ago   410MB
```

Entrando no Container



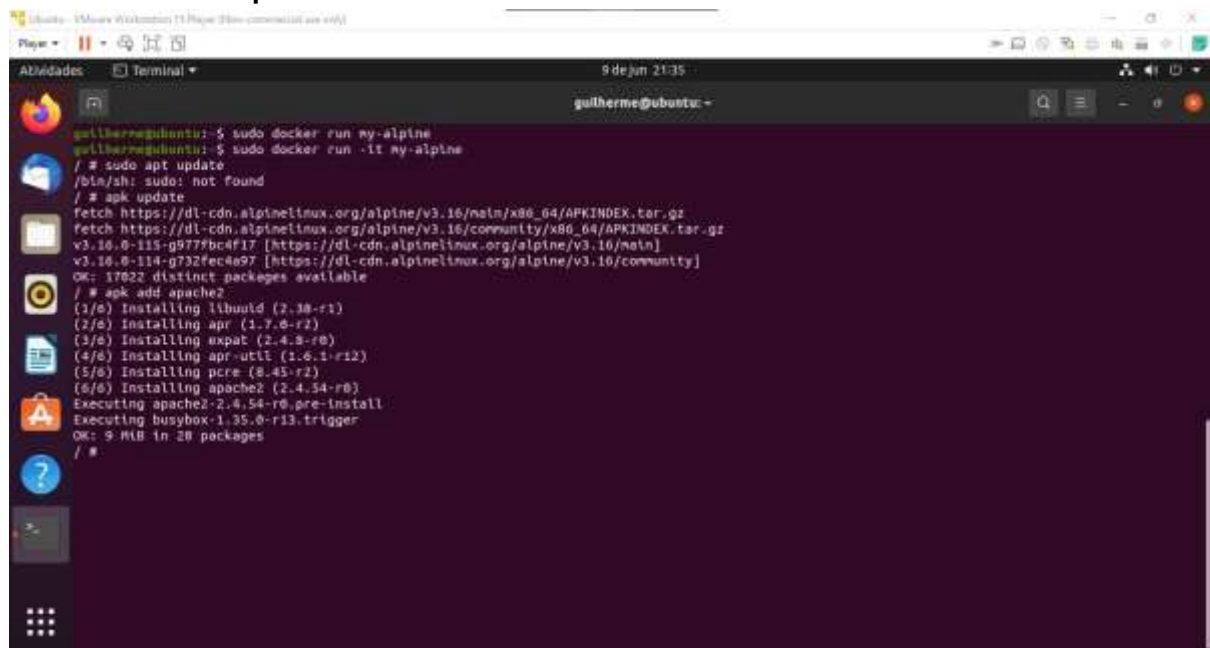
The screenshot shows a terminal window titled "Terminal" with the prompt "guilherme@ubuntu: ~". The user has executed the following commands:

```
guilherme@ubuntu:~$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
e0945502bd2d   alpine:3   "/bin/sh"   5 minutes ago   Up 5 minutes   compassionate_kcnulty

guilherme@ubuntu:~$ sudo docker run my-alpine
guilherme@ubuntu:~$ sudo docker run -it my-alpine
/ #
```

The output of the first command shows a table of running containers. The second command shows the user entering the container, and the third command shows the user at the root prompt of the container.

Instalando Apache2 e MariaDB



The screenshot shows a terminal window titled "Terminal" with the prompt "guilherme@ubuntu: ~". The user has executed the following commands:

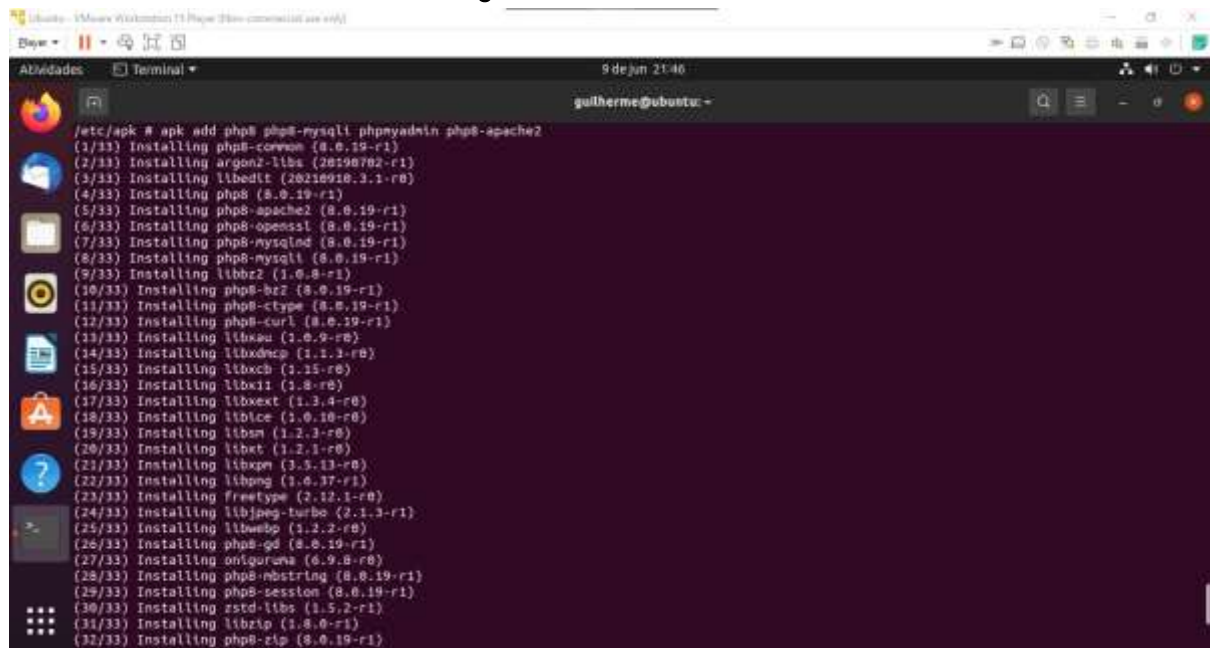
```
guilherme@ubuntu:~$ sudo docker run my-alpine
guilherme@ubuntu:~$ sudo docker run -it my-alpine
/ # sudo apt update
/bin/sh: sudo: not found
/ # apk update
fetch https://dl-cdn.alpinelinux.org/alpine/v3.16/main/x86_64/APKINDEX.tar.gz
fetch https://dl-cdn.alpinelinux.org/alpine/v3.16/community/x86_64/APKINDEX.tar.gz
v3.16.0-115-g977fbc4f17 [https://dl-cdn.alpinelinux.org/alpine/v3.16/main]
v3.16.0-114-g732fec4a97 [https://dl-cdn.alpinelinux.org/alpine/v3.16/community]
OK: 17022 distinct packages available
/ # apk add apache2
(1/6) Installing libucl (2.10-r1)
(2/6) Installing apr (1.7.0-r2)
(3/6) Installing expat (2.4.8-r0)
(4/6) Installing apr-util (1.6.1-r12)
(5/6) Installing pcre (8.45-r2)
(6/6) Installing apache2 (2.4.54-r0)
Executing apache2-2.4.54-r0.pre-install
Executing busybox-1.35.0-r13.trigger
OK: 9 MB in 20 packages
/ #
```



The screenshot shows the continuation of the terminal window from the previous block. The user has executed the following commands:

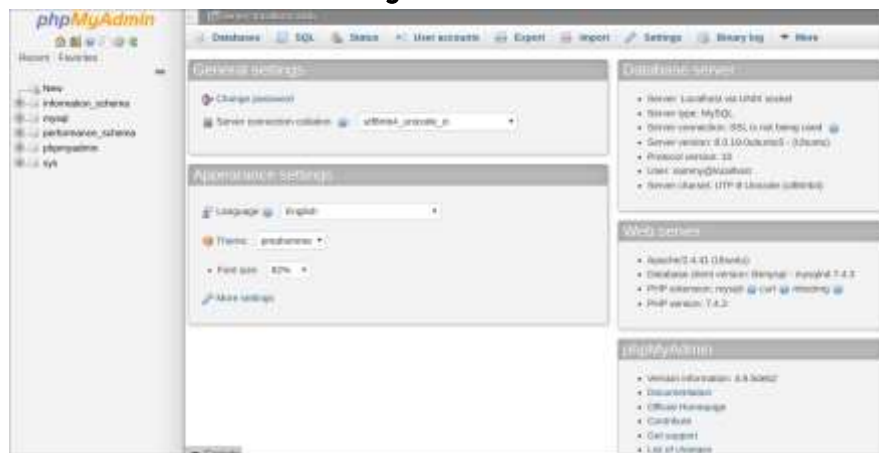
```
/ # apk add mariadb
(1/15) Installing mariadb-common (10.6.8-r0)
(2/15) Installing libaio (0.3.112-r2)
(3/15) Installing ca-certificates (20211220-r0)
(4/15) Installing brotli-libs (1.0.9-r0)
(5/15) Installing nghttp2-libs (1.47.0-r0)
(6/15) Installing libcurl (7.83.1-r1)
(7/15) Installing libgcc (11.2.1_git20220219-r2)
(8/15) Installing xz-libs (5.2.5-r1)
(9/15) Installing ncurses-terminfo-base (6.3_p20220521-r0)
(10/15) Installing ncurses-libs (6.3_p20220521-r0)
(11/15) Installing linux-pam (1.5.2-r0)
(12/15) Installing pcre2 (10.39-r0)
(13/15) Installing libstdc++ (11.2.1_git20220219-r2)
(14/15) Installing libxml2 (2.9.14-r0)
(15/15) Installing mariadb (10.6.8-r0)
Executing mariadb-10.6.8-r0.pre-install
Executing busybox-1.35.0-r13.trigger
Executing ca-certificates-20211220-r0.trigger
OK: 157 MB in 35 packages
/ #
```

Instalando PHP e PHPMyAdmin

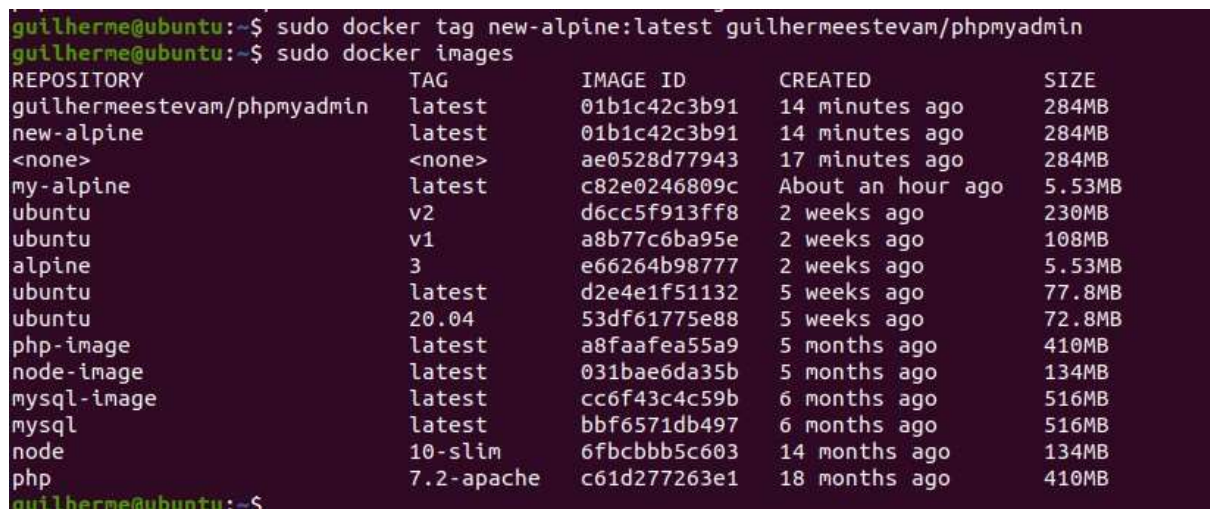


```
guilherme@ubuntu: ~$ sudo apt-get install php php-mysql phpmyadmin php-apache2
(1/33) Installing php8-common (8.0.19-r1)
(2/33) Installing argonz-libs (20190702-r1)
(3/33) Installing libedit (20210910.3.1-r0)
(4/33) Installing php8 (8.0.19-r1)
(5/33) Installing php8-apache2 (8.0.19-r1)
(6/33) Installing php8-openssl (8.0.19-r1)
(7/33) Installing php8-mysqlnd (8.0.19-r1)
(8/33) Installing php8-mysql (8.0.19-r1)
(9/33) Installing libbz2 (1.0.8-r1)
(10/33) Installing php8-bz2 (8.0.19-r1)
(11/33) Installing php8-ctype (8.0.19-r1)
(12/33) Installing php8-curl (8.0.19-r1)
(13/33) Installing libxau (1.0.9-r0)
(14/33) Installing libxdmcp (1.1.3-r0)
(15/33) Installing libxkb (1.3.5-r0)
(16/33) Installing libx11 (1.8-r0)
(17/33) Installing libxext (1.3.4-r0)
(18/33) Installing libice (1.0.10-r0)
(19/33) Installing libsm (1.2.3-r0)
(20/33) Installing libt (1.2.1-r0)
(21/33) Installing libxpm (3.5.13-r0)
(22/33) Installing libpng (1.6.37-r1)
(23/33) Installing freetype (2.12.1-r0)
(24/33) Installing libjpeg-turbo (2.1.3-r1)
(25/33) Installing libwebp (1.2.2-r0)
(26/33) Installing php8-gd (8.0.19-r1)
(27/33) Installing oniguruma (6.9.8-r0)
(28/33) Installing php8-mbstring (8.0.19-r1)
(29/33) Installing php8-session (8.0.19-r1)
(30/33) Installing zstd-libs (1.5.2-r1)
(31/33) Installing libzip (1.8.0-r1)
(32/33) Installing php8-zip (8.0.19-r1)
```

Acessando o PHPMyAdmin



Salvando Imagem



```
guilherme@ubuntu: ~$ sudo docker tag new-alpine:latest guilhermeestevam/phpmyadmin
guilherme@ubuntu: ~$ sudo docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
guilhermeestevam/phpmyadmin   latest             01b1c42c3b91       14 minutes ago     284MB
new-alpine            latest             01b1c42c3b91       14 minutes ago     284MB
<none>                <none>            ae0528d77943       17 minutes ago     284MB
my-alpine             latest             c82e0246809c       About an hour ago   5.53MB
ubuntu               v2                 d6cc5f913ff8       2 weeks ago        230MB
ubuntu               v1                 a8b77c6ba95e       2 weeks ago        108MB
alpine               3                  e66264b98777       2 weeks ago        5.53MB
ubuntu               latest             d2e4e1f51132       5 weeks ago        77.8MB
ubuntu               20.04             53df61775e88       5 weeks ago        72.8MB
php-image             latest             a8faafea55a9       5 months ago        410MB
node-image            latest             031bae6da35b       5 months ago        134MB
mysql-image           latest             cc6f43c4c59b       6 months ago        516MB
mysql                 latest             bb6f571db497       6 months ago        516MB
node                  10-slim           6fbcbbb5c603       14 months ago       134MB
php                   7.2-apache        c61d277263e1       18 months ago       410MB
guilherme@ubuntu: ~$
```

Logando e fazendo o push para o DockerHub

```
gullhermes@ubuntu:~$ sudo 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 creat
e one.
Username: gullherneestevan
Password:
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/#credentials-store

Login Succeeded

gullhermes@ubuntu:~$ sudo docker push gullherneestevan/phpmyadmin
Using default tag: latest
The push refers to repository [docker.io/gullherneestevan/phpmyadmin]
9d77c1ce9510: Pushed
d7fa415c536ac: Pushed
24302eb7d908: Mounted from library/alpine
latest: digest: sha256:e94cbc370a51efd9aaf3d74621dd95e112fae279136e8c72cfc88d1169d28273 size: 947
```