

Avaliação 6 - SOR2

Guilherme Estevam de Castro

Criando Imagem Alpine

```
Ubuntu - VMware Workstation 15 Player (Non-commercial use only)
9 de jun 21:21
guilherme@ubuntu: ~

guilherme@ubuntu:~$ sudo docker run -it alpine:3
[sudo] senha para guilherme:
Unable to find image 'alpine:3' locally
3: Pulling from library/alpine
2408cc74d12b: Pull complete
Digest: sha256:686d8c9dfa6f3ccfc8230bc3178d23f84eeaf7e457f36f271ab1acc53015037c
Status: Downloaded newer image for alpine:3
/ #
```

Salvando a Imagem

```
Ubuntu - VMware Workstation 15 Player (Non-commercial use only)
9 de jun 21:25
guilherme@ubuntu: ~

CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS          NAMES
ed945502bd2d  alpine:3   "/bin/sh"               About a minute ago    Up About a minute                   compassionate_mcnulty
27445c845778  ubuntu:v2  "/usr/sbin/sshd -D"     2 weeks ago        Exited (0) 2 weeks ago              container
fa32deb2ba9e  ubuntu:v2  "/usr/sbin/sshd -D"     2 weeks ago        Exited (0) 2 weeks ago              ubuntu_testes
1f4ef5277abf  ubuntu:v2  "/usr/sbin/sshd -D"     2 weeks ago        Exited (0) 2 weeks ago              awesome_wilbur
188770c3735d  ubuntu:v2  "-p 22:22"              2 weeks ago        Created                                awesome_mcclintock
5a787367f1ac  ubuntu:v2  "/usr/sbin/sshd -D"     2 weeks ago        Exited (0) 2 weeks ago              flamboyant_booth
d96c4cefaef7  ubuntu:v2  "-p 22:22"              2 weeks ago        Created                                jovial_visvesvaraya
48228a858566  ubuntu:v2  "/usr/sbin/sshd -D"     2 weeks ago        Exited (137) 2 weeks ago             ubuntu_container
a3dc77c49264  ubuntu:v1  "bash"                  2 weeks ago        Exited (127) 2 weeks ago             test_ubuntu

guilherme@ubuntu:~$ sudo docker commit ed945502bd2d my-alpine
sha256:c82e0246809c2f3561e8e5e0c6105f848c097df30f6625be01d82cb36c7136bb
guilherme@ubuntu:~$ docker images
Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.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://%2Fvar%2Frun%2Fdocker.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
my-alpine     latest   c82e0246809c   35 seconds 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   bbf6571db497   6 months ago    516MB
node          10-slim  6fbcbbb5c603   14 months ago   134MB
php           7.2-apache c61d277263e1   18 months ago   410MB

guilherme@ubuntu:~$
```

Entrando no Container

```
Ubuntu - VMware Workstation 15 Player (Non-commercial use only)
Player 9 de jun 21:30
Atividades Terminal
guilherme@ubuntu: ~
guilherme@ubuntu:~$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
ed945502bd2d   alpine:3   "/bin/sh" 5 minutes ago Up 5 minutes    compassionate_mculty
guilherme@ubuntu:~$
guilherme@ubuntu:~$ sudo docker run my-alpine
guilherme@ubuntu:~$ sudo docker run -it my-alpine
/ #
```

Instalando Apache2 e MariaDB

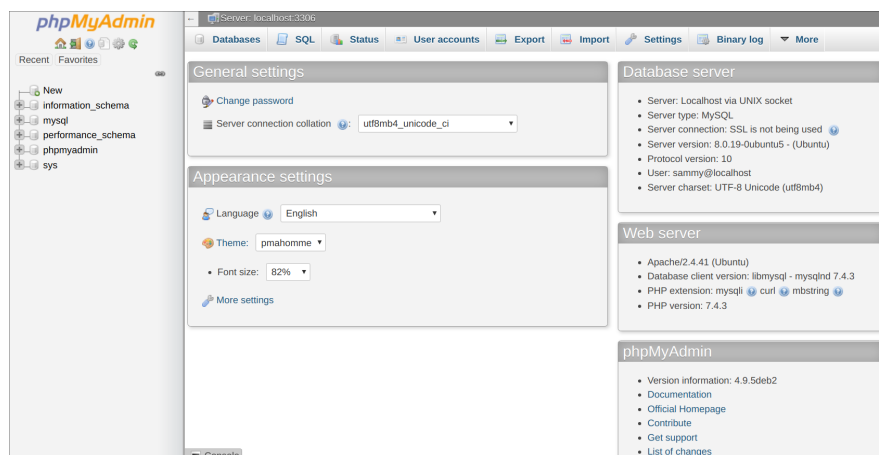
```
Ubuntu - VMware Workstation 15 Player (Non-commercial use only)
Player 9 de jun 21:35
Atividades Terminal
guilherme@ubuntu: ~
guilherme@ubuntu:~$ sudo docker run my-alpine
guilherme@ubuntu:~$ sudo docker run -it my-alpine
/ # sudo apt update
/bin/sh: sudo: not found
/ # apk update
fetch https://dl-cdn.alpinelinux.org/alpine/v3.16/main/x86_64/APKINDEX.tar.gz
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 libuuid (2.38-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 MiB in 20 packages
/ #
/ # apk add mariadb
(1/15) Installing mariadb-common (10.6.8-r0)
(2/15) Installing libato (0.3.112-r2)
(3/15) Installing ca-certificates (20211220-r0)
(4/15) Installing brotli-libs (1.0.9-r6)
(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 MiB in 35 packages
/ #
```

Instalando PHP e PHPMyAdmin

```
Ubuntu - VMware Workstation 15 Player (Non-commercial use only)
9 de jun 21:46
guilherme@ubuntu: ~

/etc/apk # apk add php8 php8-mysql cli phpmyadmin php8-apache2
(1/33) Installing php8-common (8.0.19-r1)
(2/33) Installing argon2-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-mysqld (8.0.19-r1)
(8/33) Installing php8-mysql cli (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 libxcb (1.15-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 libxt (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             bbf6571db497       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

```
guilherme@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 create one.
Username: guilhermeestevan
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
guilherme@ubuntu:~$ sudo docker push guilhermeestevan/phpmyadmin
Using default tag: latest
The push refers to repository [docker.io/guilhermeestevan/phpmyadmin]
9d7fc1ce9510: Pushed
dfa415c536ac: Pushed
24302eb7d908: Mounted from library/alpine
latest: digest: sha256:e94cbc370a51efd9aaf3d74621dd95e112fae279136e8c72cfc80d1169d28273 size: 947
```