
Os contêineres assim como as imagens são armazenadas no diretório

/var/lib/docker/containers/

da máquina hospedeiro.

```
faofernando@war-machine:~$ docker info
Client:
 Context:    default
 Debug Mode: false

Server:
 Containers: 7
  Running: 1
  Paused: 0
  Stopped: 6
 Images: 8
 Server Version: 20.10.12
 Storage Driver: overlay2
  Backing Filesystem: extfs
  Supports d_type: true
  Native Overlay Diff: true
  userxattr: false
 Logging Driver: json-file
 Cgroup Driver: systemd
 Cgroup Version: 2
 Plugins:
  Volume: local
  Network: bridge host ipvlan macvlan null overlay
  Log: awslogs fluentd gcplogs gelf journald json-file local logentries splunk syslog
 Swarm: inactive
 Runtimes: io.containerd.runc.v2 io.containerd.runtime.v1.linux runc
 Default Runtime: runc
 Init Binary: docker-init
 containerd version:
 runc version:
 init version:
 Security Options:
  apparmor
  seccomp
   Profile: default
  cgroupns
 Kernel Version: 5.15.0-43-generic
 Operating System: Linux Mint 21
```

Figura 1: Exibe informações do docker

```

root@war-machine:/home/faofernando# ls -l /var/lib/docker/containers/
total 28
drwx--x--- 4 root root 4096 ago 14 07:04 054226387e628dad1fc50fd014c9b1c647250738109e36b3972a5038ff779308
drwx--x--- 4 root root 4096 ago 14 12:41 213e31084aeb0a4a782685e99e3a4ac25fcf0ba6c3907403814dd55a90d1c229
drwx--x--- 4 root root 4096 ago 14 07:04 701e9e05db011809559923bdb500e7826c91d5066fda09bfff58fe2affe667bfb
drwx--x--- 3 root root 4096 ago 14 07:04 c8ae7ca61e953b1fc3861a1f717b9eff02ba0647aa24dbdc514fca777a1202ff
drwx--x--- 4 root root 4096 ago 14 07:04 ce2397d3c387fd1bf9318ed34ce754ffc08d49ec9e4a2a12a56434e69f145643
drwx--x--- 4 root root 4096 ago 14 07:04 d9da13c5f7fc8732b8df97cf573d921ed00fdb33b6a5e0383a7555eac407bfd
drwx--x--- 4 root root 4096 ago 14 13:00 ec10bdeca2fffe305f9d4b1c962f54cf80ff06e872a124e9e04562aaa61c0814

```

Figura 2: diretório onde é armazenado as imagens dos containers

```

drwx--x--- 4 root root 4096 ago 14 07:04 054226387e628dad1fc50fd014c9b1c647250738109e36b3972a5038ff779308
drwx--x--- 4 root root 4096 ago 14 12:41 213e31084aeb0a4a782685e99e3a4ac25fcf0ba6c3907403814dd55a90d1c229
drwx--x--- 4 root root 4096 ago 14 07:04 701e9e05db011809559923bdb500e7826c91d5066fda09bfff58fe2affe667bfb
drwx--x--- 3 root root 4096 ago 14 07:04 c8ae7ca61e953b1fc3861a1f717b9eff02ba0647aa24dbdc514fca777a1202ff
drwx--x--- 4 root root 4096 ago 14 07:04 ce2397d3c387fd1bf9318ed34ce754ffc08d49ec9e4a2a12a56434e69f145643
drwx--x--- 4 root root 4096 ago 14 07:04 d9da13c5f7fc8732b8df97cf573d921ed00fdb33b6a5e0383a7555eac407bfd
drwx--x--- 4 root root 4096 ago 14 13:00 ec10bdeca2fffe305f9d4b1c962f54cf80ff06e872a124e9e04562aaa61c0814
root@war-machine:/home/faofernando# docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS          NAMES
ec10bdeca2ff   ubuntu:19.04  "/bin/bash"             3 hours ago   Up 3 hours           festive_chatterjee
root@war-machine:/home/faofernando# ls -l /var/lib/docker/containers/ | wc -l
8

```

Figura 3: Conta o número de linhas em um diretório, sempre desconte um número que chegará ao valor correto

```

root@leandrocsi:/home/leandro# ls -l /var/lib/docker/containers/97c0119fc7e40359c36f17e82c98be9bdf014552cf494394f2e3d1108a059c4c/
total 36
-rw-r----- 1 root root 624 out 28 12:20 97c0119fc7e40359c36f17e82c98be9bdf014552cf494394f2e3d1108a059c4c-.json.log
drwx----- 2 root root 4096 out 28 10:53 checkpoints
-rw----- 1 root root 2635 out 28 18:44 config.v2.json
-rw-r--r-- 1 root root 1421 out 28 18:44 hostconfig.json
-rw-r--r-- 1 root root 13 out 28 18:44 hostname
-rw-r--r-- 1 root root 174 out 28 18:44 hosts
drwx----- 3 root root 4096 out 28 10:53 mounts
-rw-r--r-- 1 root root 590 out 28 18:44 resolv.conf
-rw-r--r-- 1 root root 71 out 28 18:44 resolv.conf.hash

```

Figura 4: exibe as configs. do container

```

root@war-machine:/home/faofernando# docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS          NAMES
ec10bdeca2ff   ubuntu:19.04  "/bin/bash"             4 hours ago   Up 3 hours           festive_chatterjee
root@war-machine:/home/faofernando# docker rm ec10bdeca2ff
Error response from daemon: You cannot remove a running container ec10bdeca2fffe305f9d4b1c962f54cf80ff06e872a124e9e04562aaa61c0814. Stop the container before attempting removal or force remove
root@war-machine:/home/faofernando# docker stop festive_chatterjee
festive_chatterjee
root@war-machine:/home/faofernando# docker rm ec10bdeca2ff
ec10bdeca2ff
root@war-machine:/home/faofernando#

```

Figura 5: O sistema não permitirá que remova um container em execução, necessário parar primeiro e depois remover

```

docker rm CONTAINER_ID -f

```

Figura 6: Para o container em execução

```

root@war-machine:/home/faofernando# ls -l /var/lib/docker/containers/
total 24
drwx--x--- 4 root root 4096 ago 14 07:04 054226387e628dad1fc50fd014c9b1c647250738109e36b3972a5038ff779308
drwx--x--- 4 root root 4096 ago 14 12:41 213e31084aeb0a4a782685e99e3a4ac25fcf0ba6c3907403814dd55a90d1c229
drwx--x--- 4 root root 4096 ago 14 07:04 701e9e05db011809559923bdb500e7826c91d5066fda09bffa58fe2affe667bfb
drwx--x--- 3 root root 4096 ago 14 07:04 c8ae7ca61e953bflc3861a1f717b9eff02ba0647aa24dbdc514fca777a1202ff
drwx--x--- 4 root root 4096 ago 14 07:04 ce2397d3c387fd1bf9318ed34ce754ffc08d49ec9e4a2a12a56434e69f145643
drwx--x--- 4 root root 4096 ago 14 07:04 d9da13c5f7fc8732b8df97cf573d921ed00fdbbc33b6a5e0383a7555eac407bfd
root@war-machine:/home/faofernando# ls -l /var/lib/docker/containers/ | wc -l
7

```

Figura 7: Para confirmar a exclusão, vá até o diretório e verifique se há ainda o container.

```

root@war-machine:/home/faofernando# alias dps="docker ps"

```

*Figura 8: IMPORTANTE: É POSSÍVEL DEFINIR APELIDOS
ATRAVÉS DO ALIAS*