

```
Running: 0
Paused: 0
Stopped: 0
Images: 6
Server Version: 18.09.7
Storage Driver: overlay2
Backing Filesystem: extfs
Supports d_type: true
Native Overlay Diff: true
Logging Driver: json-file
Cgroup Driver: cgroupfs
Plugins:
Volume: local
Network: bridge host macvlan null overlay
Log: awslogs fluentd gcplogs gelf journald json-file local logentries
Swarm: inactive
Runtimes: runc
Default Runtime: runc
Init Binary: docker-init
containerd version:
runc version: N/A
init version: v0.18.0 (expected: fec3683b971d9c3ef73f284f176672c44b4017a1a7075103eb3415eeb4)
Security Options:
apparmor
seccomp
Profile: default
Kernel Version: 5.0.0-36-generic
Operating System: Ubuntu 18.04.2 LTS
```

ls -lia /var/lib/docker/overlay2/

```
WARNING: No swap limit support
root@leandrocsi:/home/leandro/foo-bar# ls -lia /var/lib/docker/overlay2/
total 48
527426 drwx----- 10 root root 12288 nov 14 18:23 .
527417 drwx--x--x 14 root root 4096 nov 14 18:09 ..
524375 drwx----- 4 root root 4096 nov 14 18:23 345b38ed9ec74d40b34df4d1df3f0b2d4075b1404a05e60e3c442407f61a834f
554984 drwx----- 4 root root 4096 nov 13 22:45 3adb52d6316f2327eec05d08e0415442691cf72f1925c2968ec8e2e2066484c3
526263 drwx----- 3 root root 4096 nov 13 22:45 665c8ce7a466a37fa1b743c9d503501cd0183eb76d7b873d5407f407de22b707
554931 drwx----- 4 root root 4096 nov 13 22:45 8e2b99312daac4c36ff4c650559b2a6b351499add287a60b59e23da4839662d6
524371 drwx----- 4 root root 4096 nov 14 18:19 92b24c596fc1347c53d704f8c0f563591f52622bf93f102852fed167bc806631
554892 drwx----- 4 root root 4096 nov 13 22:45 9eb82c8d16e46c00c37ed8e55dfb26dbceb64f7f99b5fa62dba11987ac2de277
524374 drwx----- 4 root root 4096 nov 14 18:22 a32b1a0f13bb0d368f3c27e15febdb48c5c9d6b9248043b7fc28552a9e905a8b
527427 drwx----- 2 root root 4096 nov 14 18:23 ..
root@leandrocsi:/home/leandro/foo-bar#
```

```
File Edit View Search Terminal Help
root@leandrocsi:/home/leandro/foo-bar# docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
build1               latest              8e1cc4d626ac       5 minutes ago      237MB
build2               latest              8e1cc4d626ac       5 minutes ago      237MB
ubuntu               18.04              775349758637       13 days ago        64.2MB
root@leandrocsi:/home/leandro/foo-bar#
```

```
File Edit View Search Terminal Help
root@leandrocsi: /home/leandro/foo-bar

# Hello World With Ubuntu Based Image
FROM ubuntu:18.04
MAINTAINER leandro@email.com
RUN apt-get update
RUN apt-get install -y apache2
RUN apt-get install -y vim
RUN apt-get install -y golang
CMD ["echo", "Hello World"]
```

```
root@leandrocsi:/home/leandro/foo-bar# vim Dockerfile
root@leandrocsi:/home/leandro/foo-bar# docker build -t="build3" .
Sending build context to Docker daemon 2.048kB
Step 1/7 : FROM ubuntu:18.04
--> 775349758637
Step 2/7 : MAINTAINER leandro@email.com
--> Using cache
--> 55ebdba2db0f
Step 3/7 : RUN apt-get update
--> Using cache
--> 586837770083
Step 4/7 : RUN apt-get install -y apache2
--> Using cache
--> 97e48aea2829
Step 5/7 : RUN apt-get install -y vim
--> Using cache
--> 7eeb5341e742
Step 6/7 : RUN apt-get install -y golang
--> Running in d56eeae3686d
```

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File Edit View Search Terminal Help
root@leandrocsi:/home/leandro/foo-bar# docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
build3	latest	e2314909544a	20 seconds ago	622MB
build1	latest	8e1cc4d626ac	16 minutes ago	237MB
build2	latest	8e1cc4d626ac	16 minutes ago	237MB
ubuntu	18.04	775349758637	13 days ago	64.2MB

```
root@leandrocsi:/home/leandro/foo-bar#
```

```

root@leandrocsi:/home/leandro/foo-bar# docker info
Containers: 0
Running: 0
Paused: 0
Stopped: 0
Images: 8
Server Version: 18.09.7
Storage Driver: overlay2
Backing Filesystem: extfs
Supports d_type: true
Native Overlay Diff: true
Logging Driver: json-file
Cgroup Driver: cgroupfs
Plugins:
Volume: local
Network: bridge host macvlan null overlay
Log: awslogs fluentd gcplogs gelf journald json-file local logentries splunk syslog
Swarm: inactive
Runtimes: runc
Default Runtime: runc
Init Binary: docker-init
containerd version:
runc version: N/A
init version: v0.18.0 (expected: fec3683b971d9c3ef73f284f176672c44b448662)
Security Options:
apparmor
seccomp
Profile: default
Kernel Version: 5.0.0-36-generic
Operating System: Ubuntu 18.04.3 LTS
OSType: linux
Architecture: x86_64
CPUs: 1
Total Memory: 3.85GiB
Name: leandrocsi
ID: 4CBB:VOLT:04IG:2A3F:YMAH:66EE:YZ2F:AYDH:HRH7:7PVM:5EU3:BAMH
Docker Root Dir: /var/lib/docker
Debug Mode (client): false
Debug Mode (server): false
Username: leandrocsi
Registry: https://index.docker.io/v1/
Labels:
Experimental: false
Insecure Registries:
127.0.0.0/8
Live Restore Enabled: false

WARNING: No swap limit support

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File Edit View Search Terminal Help
root@leandrocsi:/home/leandro/foo-bar# docker history build3
IMAGE          CREATED          CREATED BY          SIZE      COMMENT
e234909544a    About a minute ago /bin/sh -c #(nop)  CMD ["echo" "Hello World"]  0B
108c73ad561e   About a minute ago /bin/sh -c apt-get install -y golang             385MB
7eeb341e742    17 minutes ago   /bin/sh -c apt-get install -y vim                 40.1MB
97ed8ae02829   18 minutes ago   /bin/sh -c apt-get install -y apache2             90.5MB
586837770883   21 minutes ago   /bin/sh -c apt-get update                         27.5MB
c694db9d08f7   22 minutes ago   /bin/sh -c #(nop)  ADD file:a48a5dc1b9dbfc632..  7B
775349728637   13 days ago      /bin/sh -c #(nop)  CMD ["/bin/bash"]              0B
<missing>       13 days ago      /bin/sh -c mkdir -p /run/systemd && echo 'do..    7B
<missing>       13 days ago      /bin/sh -c set -xe && echo '#!/bin/sh' > /..     745B
<missing>       13 days ago      /bin/sh -c [ -x "$(apt-get indextargets)" ]       987B
<missing>       13 days ago      /bin/sh -c #(nop) ADD file:a48a5dc1b9dbfc632..    63.2MB

```

Hello World with Ubuntu Based Image

FROM ubuntu:18.04

MAINTAINER leandro@email.com

RUN apt-get update

RUN apt-get install -y apache2

RUN apt-get install -y vim

RUN apt-get install -y golang

CMD ["echo", "Hello World"]