

```
joaowesley@joaowesley-VirtualBox:~/Area de Trabalho$ sudo -i
```

```
[sudo] senha para joaowesley:
```

```
root@joaowesley-VirtualBox:~# docker run hello-world
```

```
Hello from Docker!
```

```
This message shows that your installation appears to be working correctly.
```

```
To generate this message, Docker took the following steps:
```

1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
(amd64)
3. The Docker daemon created a new container from that image which runs the executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it to your terminal.

```
To try something more ambitious, you can run an Ubuntu container with:
```

```
$ docker run -it ubuntu bash
```

```
Share images, automate workflows, and more with a free Docker ID:
```

```
https://hub.docker.com/
```

```
For more examples and ideas, visit:
```

```
https://docs.docker.com/get-started/
```

```
root@joaowesley-VirtualBox:~# docker search ubuntu
```

NAME	DESCRIPTION	STARS	OFFICIAL	AUTOMATED
ubuntu	Ubuntu is a Debian-based Linux operating sys...	16030	[OK]	
websphere-liberty	WebSphere Liberty multi-architecture images ...	294	[OK]	
open-liberty	Open Liberty multi-architecture images based...	60	[OK]	
neurodebian	NeuroDebian provides neuroscience research s...	100	[OK]	
ubuntu-debootstrap	DEPRECATED; use "ubuntu" instead	51	[OK]	
ubuntu-upstart	DEPRECATED, as is Upstart (find other proces...	114	[OK]	
ubuntu/nginx	Nginx, a high-performance reverse proxy & we...	96		
ubuntu/cortex	Cortex provides storage for Prometheus. Long...	3		
ubuntu/squid	Squid is a caching proxy for the Web. Long-t...	60		
ubuntu/apache2	Apache, a secure & extensible open-source HT...	58		
ubuntu/mysql	MySQL open source fast, stable, multi-thread...	49		
ubuntu/kafka	Apache Kafka, a distributed event streaming ...	33		
ubuntu/bind9	BIND 9 is a very flexible, full-featured DNS...	52		
ubuntu/prometheus	Prometheus is a systems and service monitori...	42		
ubuntu/redis	Redis, an open source key-value store. Long...	18		
ubuntu/postgres	PostgreSQL is an open source object-relatio...	27		
ubuntu/zookeeper	ZooKeeper maintains configuration informatio...	6		
ubuntu/grafana	Grafana, a feature rich metrics dashboard & ...	9		
ubuntu/memcached	Memcached, in-memory keyvalue store for smal...	5		
ubuntu/prometheus-alertmanager	Alertmanager handles client alerts from Prom...	9		
ubuntu/dotnet-deps	Chiselled Ubuntu for self-contained .NET & A...	8		
ubuntu/dotnet-runtime	Chiselled Ubuntu runtime image for .NET apps...	5		
ubuntu/dotnet-aspnet	Chiselled Ubuntu runtime image for ASP.NET a...	7		
ubuntu/cassandra	Cassandra, an open source NoSQL distributed ...	2		
ubuntu/telegraf	Telegraf collects, processes, aggregates & w...	4		

```
root@joaowesley-VirtualBox:~# docker pull ubuntu
```

```
Using default tag: latest
```

```
latest: Pulling from library/ubuntu
```

```
837dd4791cdc: Pull complete
```

```
Digest: sha256:ac58ff7fe25edc58bdf0067ca99df00014dbd032e2246d30a722fa348fd799a5
```

```
Status: Downloaded newer image for ubuntu:latest
```

```
docker.io/library/ubuntu:latest
```


Arquivo Editar Ver Terminal Abas Ajuda

```
REPOSITORY TAG IMAGE ID CREATED SIZE
ubuntu latest 1f6ddc1b2547 2 weeks ago 77.8MB
hello-world latest 9c7a54a9a43c 4 weeks ago 13.3kB
ubuntu <none> 3b418d7b466a 5 weeks ago 77.8MB
root@joaowesley-VirtualBox:~# docker run -it ubuntu
root@95477138cf4b:/# apt update
Get:1 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:2 http://archive.ubuntu.com/ubuntu jammy InRelease [270 kB]
Get:3 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [449 kB]
Get:4 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [36.3 kB]
Get:5 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [926 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:7 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [569 kB]
Get:8 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [108 kB]
Get:9 http://archive.ubuntu.com/ubuntu jammy/restricted amd64 Packages [164 kB]
Get:10 http://archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [17.5 MB]
Get:11 http://archive.ubuntu.com/ubuntu jammy/main amd64 Packages [1792 kB]
Get:12 http://archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [266 kB]
Get:13 http://archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [42.2 kB]
Get:14 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1174 kB]
Get:15 http://archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [450 kB]
Get:16 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [851 kB]
Get:17 http://archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [49.4 kB]
Get:18 http://archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [27.0 kB]
Fetched 24.9 MB in 6s (4358 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
7 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@95477138cf4b:/# apt install nodejs
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  ca-certificates javascript-common libbrotli1 libc-ares2 libicu70
  libjs-highlight.js libnghttp2-14 libnode72 libuv1 nodejs-doc openssl
Suggested packages:
  apache2 | lighttpd | httpd npm
The following NEW packages will be installed:
  ca-certificates javascript-common libbrotli1 libc-ares2 libicu70
  libjs-highlight.js libnghttp2-14 libnode72 libuv1 nodejs nodejs-doc openssl
0 upgraded, 12 newly installed, 0 to remove and 7 not upgraded.
Need to get 26.1 MB of archives.
After this operation, 93.0 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 openssl amd64 3.0.2-0ubuntu1.10 [1183 kB]
Get:2 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 ca-certificates all 20230311ubuntu0.22.04.1 [155 kB]
Get:3 http://archive.ubuntu.com/ubuntu jammy/main amd64 libicu70 amd64 70.1-2 [10.6 MB]
Get:4 http://archive.ubuntu.com/ubuntu jammy/main amd64 libnghttp2-14 amd64 1.43.0-1build3 [76.3 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy/main amd64 libuv1 amd64 1.43.0-1 [93.1 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy/main amd64 javascript-common all 11+nmu1 [5936 B]
Get:7 http://archive.ubuntu.com/ubuntu jammy/main amd64 libbrotli1 amd64 1.0.9-2build6 [315 kB]
Get:8 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libjs-highlight.js all 9.18.5+dfsg1-1 [367 kB]
Get:9 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 libc-ares2 amd64 1.18.1-1ubuntu0.22.04.1 [45.1 kB]
Get:10 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libnode72 amd64 12.22.9-~dfsg-1ubuntu3 [10.8 MB]
Get:11 http://archive.ubuntu.com/ubuntu jammy/universe amd64 nodejs-doc all 12.22.9-~dfsg-1ubuntu3 [2409 kB]
Get:12 http://archive.ubuntu.com/ubuntu jammy/universe amd64 nodejs amd64 12.22.9-~dfsg-1ubuntu3 [122 kB]
Fetched 26.1 MB in 4s (6317 kB/s)
debconf: delaying package configuration, since apt-utils is not installed
```


Arquivo Editar Ver Terminal Abas Ajuda

Processing triggers for ca-certificates (20230311ubuntu0.22.04.1) ...

Updating certificates in /etc/ssl/certs...

0 added, 0 removed; done.

Running hooks in /etc/ca-certificates/update.d...

done.

root@95477138cf4b:/# node -v

v12.22.9

root@95477138cf4b:/# exit

exit

root@joaowesley-VirtualBox:~# docker ps

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
--------------	-------	---------	---------	--------	-------	-------

root@joaowesley-VirtualBox:~# docker ps -a

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
95477138cf4b	ubuntu	"/bin/bash"	About a minute ago	Exited (0) 20 seconds ago		musing_khayyam
e41bf7d8c79a	hello-world	"/hello"	3 minutes ago	Exited (0) 3 minutes ago		trusting_williamson
e27e9372e559	3b418d7b466a	"/bin/bash"	6 days ago	Exited (130) 6 days ago		trusting_rhodes
a13a4015f093	hello-world	"/hello"	6 days ago	Exited (0) 6 days ago		optimistic_davinci
7050321731fa	hello-world	"/hello"	2 weeks ago	Exited (0) 2 weeks ago		kind_jang

root@joaowesley-VirtualBox:~# docker ps -l

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
95477138cf4b	ubuntu	"/bin/bash"	2 minutes ago	Exited (0) About a minute ago		musing_khayyam

root@joaowesley-VirtualBox:~# docker start 95477138cf4b

95477138cf4b

root@joaowesley-VirtualBox:~# docker stop musing_khayyam

musing_khayyam

root@joaowesley-VirtualBox:~# docker ps -a

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
95477138cf4b	ubuntu	"/bin/bash"	5 minutes ago	Exited (137) 43 seconds ago		musing_khayyam
e41bf7d8c79a	hello-world	"/hello"	6 minutes ago	Exited (0) 6 minutes ago		trusting_williamson
e27e9372e559	3b418d7b466a	"/bin/bash"	6 days ago	Exited (130) 6 days ago		trusting_rhodes
a13a4015f093	hello-world	"/hello"	6 days ago	Exited (0) 6 days ago		optimistic_davinci
7050321731fa	hello-world	"/hello"	2 weeks ago	Exited (0) 2 weeks ago		kind_jang

root@joaowesley-VirtualBox:~# docker rm trusting_williamson

root@joaowesley-VirtualBox:~# docker commit -m "What you did to the image" -a "joaowesley567" 95477138cf4b joaowesley567/new_image_name

sha256:fc2fda034569b516cbfd1c68194208d6c0cfd0028419ccelc5316db9146b3acc

root@joaowesley-VirtualBox:~# docker images

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
joaowesley567/new_image_name	latest	fc2fda034569	About a minute ago	202MB
ubuntu	latest	1f6ddc1b2547	2 weeks ago	77.8MB
hello-world	latest	9c7a54a9a43c	4 weeks ago	13.3kB
ubuntu	<none>	3b418d7b466a	5 weeks ago	77.8MB

root@joaowesley-VirtualBox:~# docker login -u joaowesley567

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

root@joaowesley-VirtualBox:~# docker push joaowesley567/docker-image-name

Using default tag: latest

The push refers to repository [docker.io/joaowesley567/docker-image-name]

An image does not exist locally with the tag: joaowesley567/docker-image-name

root@joaowesley-VirtualBox:~# docker push joaowesley567/new_image_name

Using default tag: latest

The push refers to repository [docker.io/joaowesley567/new_image_name]

f73dce6deb02: Pushed

966e94ab6e16: Mounted from library/ubuntu

latest: digest: sha256:0ecfbbf982e7043d78a490155de85f6d73f82600583b61f368f588450a8ad6d9 size: 741

root@joaowesley-VirtualBox:~#



joaowesley567

[Edit profile](#)

 Community User

 Joined May 30, 2023


Repositories

[Starred](#)

[Contributed](#)

Displaying 1 to 1 repositories



joaowesley567/new_image_name ·  0 ·  0

By [joaowesley567](#) · Updated a few seconds ago

Image