

```
lucasxubuntu@lucasxubuntu-VirtualBox:~/Área de Trabalho$ run hello-world
```

Comando 'run' não encontrado, você quis dizer:

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comando 'rue' do snap darkdimension-rue (0.3.0)
comando 'zun' do deb python3-zunclient (4.0.0-0ubuntu1)
comando 'runc' do deb runc (1.1.4-0ubuntu1~20.04.3)
comando 'rup' do deb rstat-client (4.0.1-9)
comando 'rn' do deb trn4 (4.0-test77-12)
comando 'runq' do deb exim4-daemon-heavy (4.93-13ubuntu1.7)
comando 'runq' do deb exim4-daemon-light (4.93-13ubuntu1.7)
comando 'runq' do deb sendmail-bin (8.15.2-18)
comando 'crun' do deb crun (0.12.1+dfsg-1)
comando 'zrun' do deb moreutils (0.63-1)
comando 'srun' do deb slurm-client (19.05.5-1)
comando 'grun' do deb grun (0.9.3-2)
```

Veja 'snap info <snapname>' para versões adicionais.

```
lucasxubuntu@lucasxubuntu-VirtualBox:~/Área de Trabalho$ sudo -i
[sudo] senha para lucasxubuntu:
root@lucasxubuntu-VirtualBox:~# run hello-world
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```
root@lucasxubuntu-VirtualBox:~# exit
```

```
sair
```

```
lucasxubuntu@lucasxubuntu-VirtualBox:~/Área de Trabalho$ docker
```

Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Common Commands:

run	Create and run a new container from an image
exec	Execute a command in a running container
ps	List containers
build	Build an image from a Dockerfile
pull	Download an image from a registry
push	Upload an image to a registry
images	List images
login	Log in to a registry
logout	Log out from a registry
search	Search Docker Hub for images
version	Show the Docker version information
info	Display system-wide information

Management Commands:

builder	Manage builds
buildx*	Docker Buildx (Docker Inc., v0.10.4)
checkpoint	Manage checkpoints
compose*	Docker Compose (Docker Inc., v2.18.1)
container	Manage containers
context	Manage contexts
image	Manage images
manifest	Manage Docker image manifests and manifest lists
network	Manage networks
plugin	Manage plugins
system	Manage Docker
trust	Manage trust on Docker images
volume	Manage volumes

volume Manage volumes

Swarm Commands:

config	Manage Swarm configs
node	Manage Swarm nodes
secret	Manage Swarm secrets
service	Manage Swarm services
stack	Manage Swarm stacks
swarm	Manage Swarm

Commands:

attach	Attach local standard input, output, and error streams to a running container
commit	Create a new image from a container's changes
cp	Copy files/folders between a container and the local filesystem
create	Create a new container
diff	Inspect changes to files or directories on a container's filesystem
events	Get real time events from the server
export	Export a container's filesystem as a tar archive
history	Show the history of an image
import	Import the contents from a tarball to create a filesystem image
inspect	Return low-level information on Docker objects
kill	Kill one or more running containers
load	Load an image from a tar archive or STDIN
logs	Fetch the logs of a container
pause	Pause all processes within one or more containers
port	List port mappings or a specific mapping for the container
rename	Rename a container
restart	Restart one or more containers
rm	Remove one or more containers
rmi	Remove one or more images
save	Save one or more images to a tar archive (streamed to STDOUT by default)
start	Start one or more stopped containers
stats	Display a live stream of container(s) resource usage statistics
stop	Stop one or more running containers
tag	Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
top	Display the running processes of a container
unpause	Unpause all processes within one or more containers
update	Update configuration of one or more containers
wait	Block until one or more containers stop, then print their exit codes

Global Options:

--config string	Location of client config files (default "/home/lucasxubuntu/.docker")
-c, --context string	Name of the context to use to connect to the daemon (overrides DOCKER_HOST env var and default context set with "docker context use")
-D, --debug	Enable debug mode
-H, --host list	Daemon socket to connect to
-l, --log-level string	Set the logging level ("debug", "info", "warn", "error", "fatal") (default "info")
--tls	Use TLS; implied by --tlsverify
--tlscacert string	Trust certs signed only by this CA (default "/home/lucasxubuntu/.docker/ca.pem")
--tlscert string	Path to TLS certificate file (default "/home/lucasxubuntu/.docker/cert.pem")
--tlskey string	Path to TLS key file (default "/home/lucasxubuntu/.docker/key.pem")
--tlsverify	Use TLS and verify the remote
-v, --version	Print version information and quit

Run 'docker COMMAND --help' for more information on a command.

For more help on how to use Docker, head to <https://docs.docker.com/go/guides/>

lucasxubuntu@lucasxubuntu-VirtualBox:~/Área de Trabalho\$ docker run hello-world

docker: permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://%2Fvar%2Frun%2Fdocker.sock/v1.24/containers/create": dial unix /var/run/docker.sock: connect: permission denied.

See 'docker run --help'.

lucasxubuntu@lucasxubuntu-VirtualBox:~/Área de Trabalho\$ sudo -i

root@lucasxubuntu-VirtualBox:~# docker run hello-world

Unable to find image 'hello-world:latest' locally

latest: Pulling from library/hello-world

719385e32844: Pull complete

Digest: sha256:fc6cf906cbfa013e80938cdf0bb199fbd8b86d6e3e013783e5a766f50f5dbce0

Status: Downloaded newer image for hello-world:latest

Hello from Docker!

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

To generate this message, Docker took the following steps:

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@lucasxubuntu-VirtualBox:~# docker search ubuntu
```

NAME	DESCRIPTION	STARS	OFFICIAL	AUTOMATED
ubuntu	Ubuntu is a Debian-based Linux operating sys...	16018	[OK]	
websphere-liberty	WebSphere Liberty multi-architecture images ...	294	[OK]	
open-liberty	Open Liberty multi-architecture images based...	59	[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...	95		
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 ...	32		
ubuntu/bind9	BIND 9 is a very flexible, full-featured DNS...	52		
ubuntu/redis	Redis, an open source key-value store. Long...	18		
ubuntu/prometheus	Prometheus is a systems and service monitori...	42		
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		

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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@lucasxubuntu-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
root@lucasxubuntu-VirtualBox:~# docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
ubuntu        latest   1f6ddc1b2547   10 days ago   77.8MB
hello-world   latest   9c7a54a9a43c   4 weeks ago   13.3kB
root@lucasxubuntu-VirtualBox:~#

```