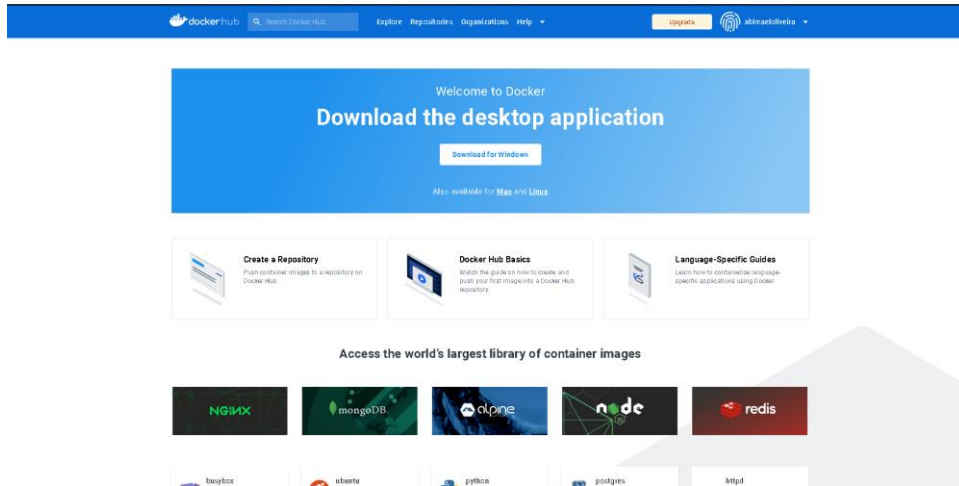


# AVALIAÇÃO 10

- Cadastro DockerHub



- Hello world

```
Abimael@VirtualBox: ~$ docker run hello-world
docker: permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://unix:///var/run/docker.sock/v1.24/containers/create": dial unix /var/run/docker.sock: connect: permission denied.
See 'docker run --help'.
Abimael@VirtualBox: ~$ sudo docker run hello-world
[sudo] senha para abimael:
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
713585c2844: Pull complete
Digest: sha256:3b6818c8249e38e6c81146b88d6bd60d60352432621c1f736
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:
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/
Abimael@VirtualBox: ~$
```

## • Ubuntu Search

```
Terminal - abimael@Virtual...

Arquivo  Editar  Ver  Terminal  Abas  Ajuda

abimael@VirtualBox:~$ sudo docker search ubuntu
NAME                DESCRIPTION                STARS     OFFICIAL    AUTOMATED
ubuntu              Ubuntu is a Debian-based Linux operating sys... 15954     [OK]
webservers-ubuntu   WebSphere Liberty multi-architecture images ... 294       [OK]
open-liberty         Open Liberty multi-architecture images based... 59        [OK]
neurodebian          NeuroDebian provides neuroscience research s... 99        [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... 91
ubuntu/cortex        Cortex provides storage for Prometheus. Long... 3
ubuntu/squid         Squid is a caching proxy for the Web. Long-t... 57
ubuntu/apache2       Apache, a secure & extensible open-source HT... 58
ubuntu/mysql         MySQL open source fast, stable, multi-thread... 48
ubuntu/kafka         Apache Kafka, a distributed event streaming ... 31
ubuntu/bind9         BIND 9 is a very flexible, full-featured DNS... 51
ubuntu/redis         Redis, an open source key-value store. Long-... 18
ubuntu/prometheus    Prometheus is a systems and service monitori... 40
ubuntu/postgres      PostgreSQL is an open source object-relatio... 27
ubuntu/zookeeper     ZooKeeper maintains configuration informatio... 5
ubuntu/grafana        Grafana, a feature rich metrics dashboard & ... 9
ubuntu/memcached     Memcached, in-memory keyvalue store for sma... 5
ubuntu/prometheus-alertmanager Alertmanager handles client alerts from Prom... 8
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... 6
ubuntu/cassandra     Cassandra, an open source NoSQL distributed ... 2
ubuntu/telegraf       Telegraf collects, processes, aggregates & w... 4

abimael@VirtualBox:~$
```

## • Puxando o Ubuntu

```
abimael@VirtualBox:~$ sudo docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
Digest: sha256:0f64a3b429608c962a3309984f8c2080a0b7e4749259e20379e0e54f0f
Status: Downloaded newer image for ubuntu:latest
abimael@VirtualBox:~$ docker images
docker: 'images' is not a docker command.
See 'docker --help'

abimael@VirtualBox:~$ docker images
docker: 'images' is not a docker command.
See 'docker --help'

abimael@VirtualBox:~$ docker images
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://q2fvar2f2run2fdocker.sock/v1.24/images/json": dial unix /var/run/docker.sock: connect: permission denied
abimael@VirtualBox:~$ sudo docker images
REPOSITORY    TAG        CREATED      SIZE
hello-world   latest     8c7d5da94dc  11 days ago  10.3kB
ubuntu        latest     8c7d5da94dc  2 weeks ago  77.0MB
abimael@VirtualBox:~$ sudo docker run --it ubuntu
root@f0b404b245:/# apt update
Get:1 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:2 http://archive.ubuntu.com/ubuntu jammy InRelease [276 kB]
Get:3 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [459 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [117 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [118 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy/restricted amd64 Packages [164 kB]
Get:7 http://archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [154 kB]
Get:8 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [961 kB]
Get:9 http://archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [123 kB]
Get:10 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [136 kB]
Get:11 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [292 kB]
Get:12 http://archive.ubuntu.com/ubuntu jammy/main amd64 Packages [1792 kB]
Get:13 http://archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [62.2 kB]
Get:14 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1136 kB]
Get:15 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1776 kB]
Get:16 http://archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [169 kB]
Get:17 http://archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [125.4 kB]
Get:18 http://archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [60.4 kB]
Fetched 28.4 MB in 7s (3422 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
4 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@f0b404b245:/# 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 libcares2 libcurl7 libjs-highlight.js liblighttpd2 libltdl7 libnss3 nodejs-doc openssl
Suggested packages:
  ca-certificates-javascript-common libbrotli1 libcares2 libcurl7 libjs-highlight.js liblighttpd2 libltdl7 libnss3 nodejs-doc openssl
The following NEW packages will be installed:
  ca-certificates javascript-common libbrotli1 libcares2 libcurl7 libjs-highlight.js liblighttpd2 libltdl7 libnss3 nodejs nodejs-doc openssl
0 upgraded, 12 newly installed, 0 to remove and 4 not upgraded.
Need to get 28.3 MB of archives.
```

- Baixando node.js

```

$ sudo apt-get purge --auto-remove openssl
Package is purged.
$ sudo apt-get purge --auto-remove libhttpdnghttp2
Package is purged.
The following NEW packages will be installed:
  ca-certificates javascript-common libbrotil1 libc-ares2 libcibu70 libjs-highlight.js libnghttp2-14 libnbd2 libuv1 nodejs nodejs-doc openssl
0 upgraded, 12 newly installed, 0 to remove and 4 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 3.0.2-0ubuntu1.9 [1105 kB]
Get:2 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 ca-certificates all 20211016ubuntu0.22.04.1 [144 kB]
Get:3 http://archive.ubuntu.com/ubuntu jammy/main amd64 libcibu70 amd64 70.1-2 [10.6 MB]
Get:4 http://archive.ubuntu.com/ubuntu jammy/main amd64 libnghttp2-14 amd64 1.43.0-1build1 [76.3 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy/main amd64 libuv1 amd64 1.43.0-1 [103.1 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy/main amd64 javascript-common all 11rmm1 [5936 B]
Get:7 http://archive.ubuntu.com/ubuntu jammy/main amd64 libbrotil1 amd64 1.0.9-2build1de [315 kB]
Get:8 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libjs-highlight.js all 9.18.5dfsg1-1 [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 libnbd2 amd64 12.22.9-dfsf-1ubuntu3 [10.8 MB]
Get:11 http://archive.ubuntu.com/ubuntu jammy/universe amd64 nodejs-doc all 12.22.9-dfsf-1ubuntu3 [2409 kB]
Get:12 http://archive.ubuntu.com/ubuntu jammy/universe amd64 nodejs amd64 12.22.9-dfsf-1ubuntu3 [122 kB]
Fetched 26.1 MB in 2s (2135 kB/s)
debconf: delaying package configuration, since apt-utils is not installed
Selecting previously unselected package openssl.
(Reading database ... 4395 files and directories currently installed.)
Preparing to unpack .../00-openssl-3.0.2-0ubuntu1.9.amd64.deb ...
Unpacking openssl (3.0.2-0ubuntu1.9) ...
Selecting previously unselected package ca-certificates.
Preparing to unpack .../01-ca-certificates-20211016ubuntu0.22.04.1.all.deb ...
Unpacking ca-certificates (20211016ubuntu0.22.04.1) ...
Selecting previously unselected package libcibu70:amd64.
Preparing to unpack .../02-libcibu70-70.1-2.amd64.deb ...
Unpacking libcibu70:amd64 (70.1-2) ...
Selecting previously unselected package libnghttp2-14:amd64.
Preparing to unpack .../03-libnghttp2-14.1.43.0-1build1.amd64.deb ...
Unpacking libnghttp2-14:amd64 (1.43.0-1build1) ...
Selecting previously unselected package libuv1:amd64.
Preparing to unpack .../04-libuv1-1.43.0-1.amd64.deb ...
Unpacking libuv1:amd64 (1.43.0-1) ...
Selecting previously unselected package javascript-common.
Preparing to unpack .../05-javascript-common-11rmm1.all.deb ...
Unpacking javascript-common (11rmm1) ...
Selecting previously unselected package libbrotil1:amd64.
Preparing to unpack .../06-libbrotil1-1.0.9-2build1de.amd64.deb ...
Unpacking libbrotil1:amd64 (1.0.9-2build1de) ...
Selecting previously unselected package libjs-highlight.js.
Preparing to unpack .../07-libjs-highlight.js-9.18.5dfsg1-1.all.deb ...
Unpacking libjs-highlight.js (9.18.5dfsg1-1) ...
Selecting previously unselected package libc-ares2:amd64.
Preparing to unpack .../08-libc-ares2-1.18.1-1ubuntu0.22.04.1.amd64.deb ...
Unpacking libc-ares2:amd64 (1.18.1-1ubuntu0.22.04.1) ...
Selecting previously unselected package libnbd2:amd64.
Preparing to unpack .../09-libnbd2-12.22.9-dfsf-1ubuntu3.amd64.deb ...
Unpacking libnbd2:amd64 (12.22.9-dfsf-1ubuntu3) ...
Selecting previously unselected package nodejs-doc.
Preparing to unpack .../10-nodejs-doc-12.22.9-dfsf-1ubuntu3.all.deb ...
Unpacking nodejs-doc (12.22.9-dfsf-1ubuntu3) ...
Selecting previously unselected package nodejs.
Preparing to unpack .../11-nodejs-12.22.9-dfsf-1ubuntu3.amd64.deb ...
Unpacking nodejs (12.22.9-dfsf-1ubuntu3) ...
Setting up javascript-common (11rmm1) ...

```

- Repositório Docker

[illegible]

- Imagem criada no repositório Docker Hub

