

TECNOLOGIA EM DESENVOLVIMENTO DE SISTEMAS

DevOps Tools & Cloud Computing
 Docker Desktop: Instalação Mac

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<https://docs.docker.com/desktop/install/mac-install/>

The screenshot shows the Docker Desktop installation page for Mac. The page is titled 'Install on Mac' and includes a sidebar with navigation links. The main content area is divided into two sections: 'Install on Mac' and 'System requirements'. The 'Install on Mac' section contains a blue box with 'Docker Desktop terms' and a paragraph about commercial use. Below this, there are two buttons: 'Mac with Intel chip' (highlighted with a red box) and 'Mac with Apple silicon'. The 'System requirements' section is partially visible at the bottom. The sidebar on the left lists various installation options, and the right sidebar provides page details and tags. A 'Give feedback' button is located on the far right. At the bottom, a file named 'Docker.dmg' is shown in a download bar.

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Docker Desktop

- Overview
- Install Docker Desktop
 - Install on Mac**
 - Understand permission requirements for Mac
 - Install on Windows
 - Understand permission requirements for Windows
 - Install on Linux
 - Installation per Linux distro
- Quick Start Guide and sign in
- Explore Docker Desktop

Install on Mac

Docker Desktop terms

Commercial use of Docker Desktop in larger enterprises (more than 250 employees OR more than \$10 million USD in annual revenue) requires a paid subscription.

This page contains information about system requirements, download URLs, and instructions on how to install Docker Desktop for Mac.

Mac with Intel chip **Mac with Apple silicon**

For checksums, see [Release notes](#).

System requirements

Page details

- 5 minute read
- Edit this page
- Request changes

Tags

- mac
- install
- download
- Docker Desktop
- intel
- apple silicon

Contents

- System requirements
 - Mac with Intel chip
 - Mac with Apple silicon
- Install and run Docker Desktop on Mac
 - Install interactively
 - Install from the command line
 - Runtime permission requirements


Docker.dmg

Mostrar tudo

Give feedback

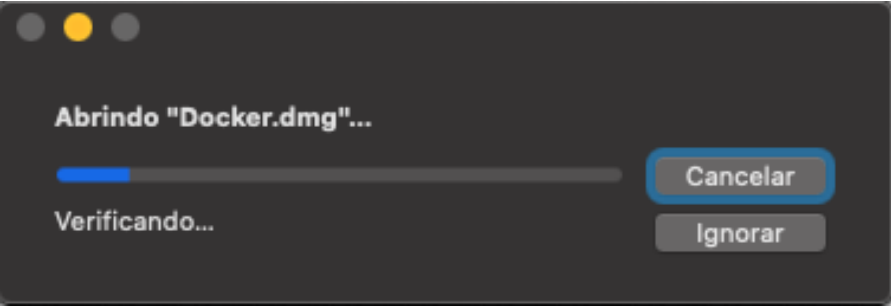
3

Clique duas vezes em **Docker.dmg** para abrir o instalador

Nome	Tamanho	Tipo
 Docker.dmg	591,5 MB	Imagem de Disco

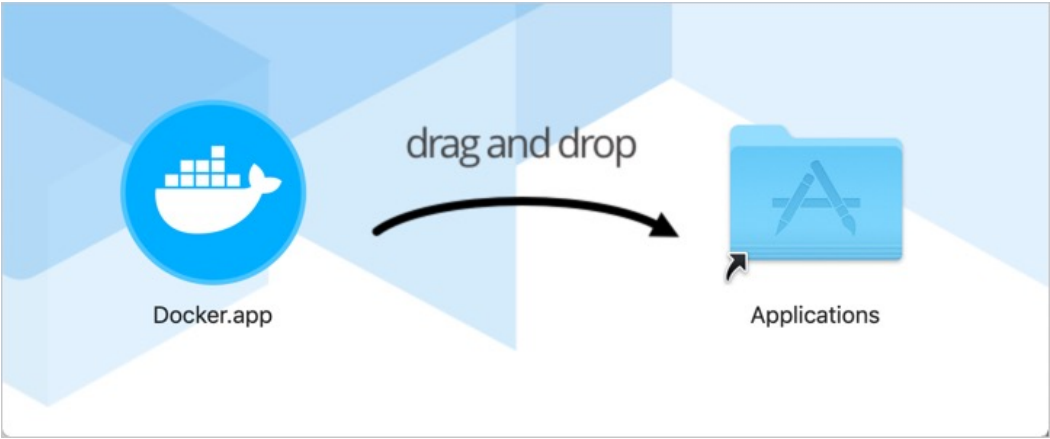
1

Aguarde a abertura da imagem



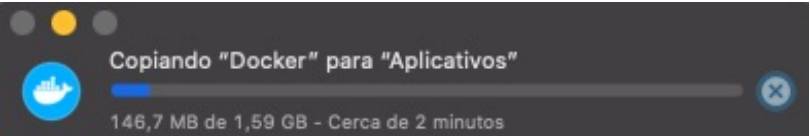
2

Arraste o ícone do Docker para a pasta Aplicativos



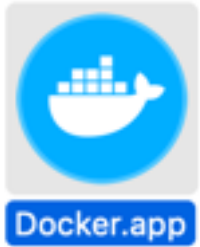
3

Aguarde a cópia ser efetuada

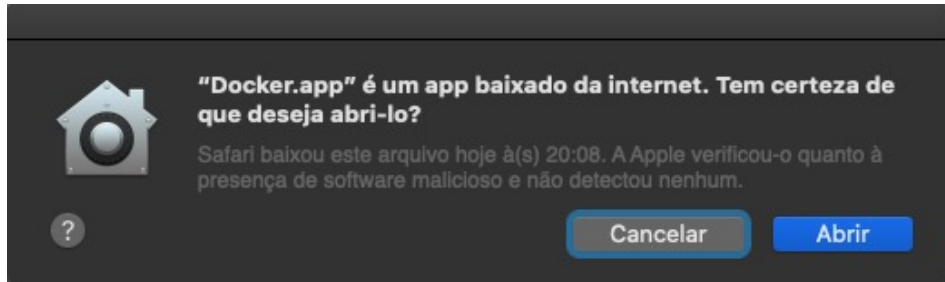


4

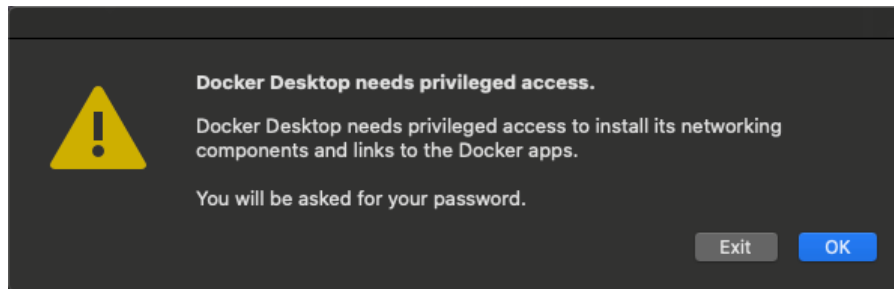
Execute o Docker



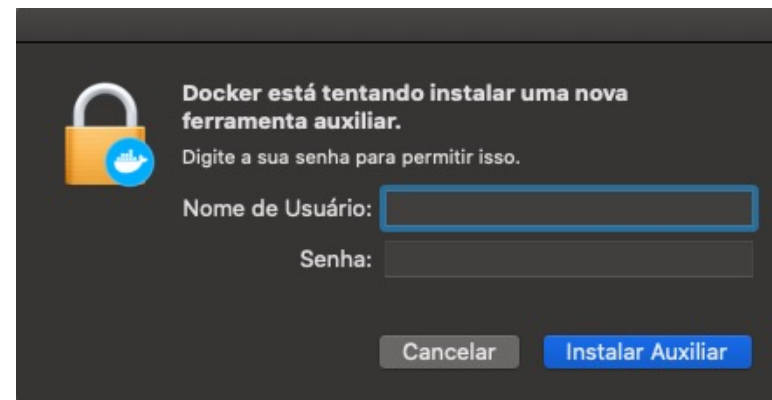
1



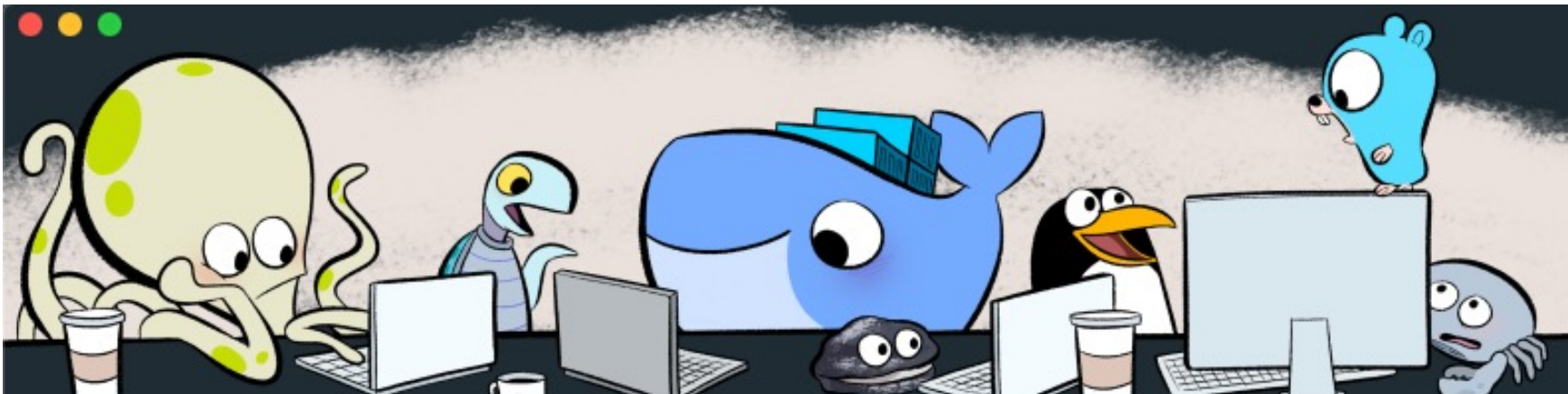
2



3



4




Our Service Agreement has Changed

We've updated the [Docker Subscription Service Agreement](#). Please read the [Blog](#) and [FAQs](#) to learn how companies using Docker Desktop may be affected. By checking "I accept the terms" you agree to the [Subscription Service Agreement](#), the [Data Processing Agreement](#), and the [Data Privacy Policy](#).

Here's a summary of key changes:

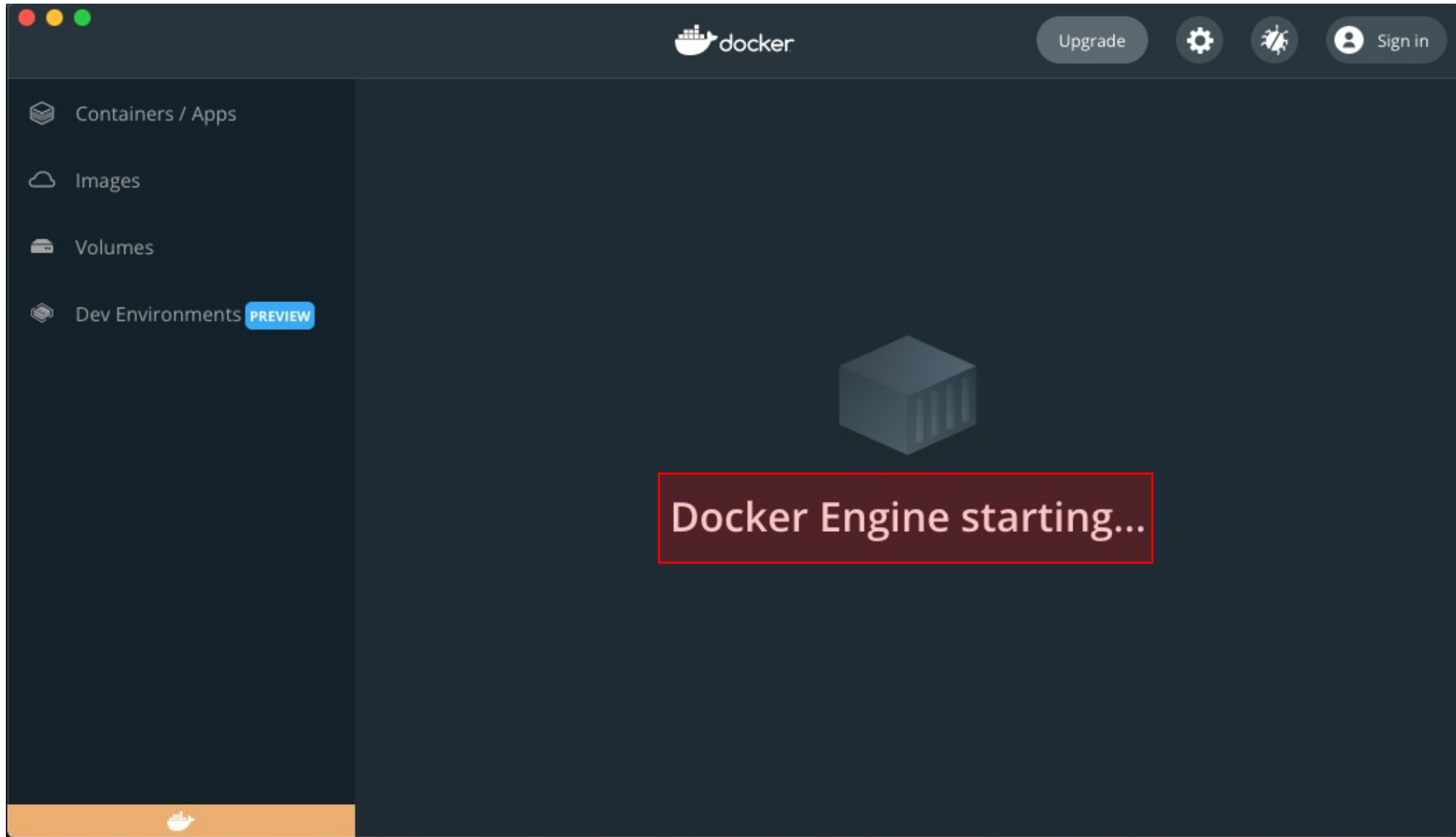
- Our Docker Subscription Service Agreement include a change to the terms of use for Docker Desktop.
 - It **remains free** for small businesses (fewer than 250 employees AND less than \$10 million in annual revenue), personal use, education, and non-commercial open source projects.
 - It requires a paid subscription for professional use in larger enterprises.
- The effective date of these terms is August 31, 2021. There is a **grace period** until January 31, 2022 for those that will require a paid subscription to use Docker Desktop.
- The existing Docker Free subscription has been renamed **Docker Personal** and we have introduced a

I accept the terms ☒

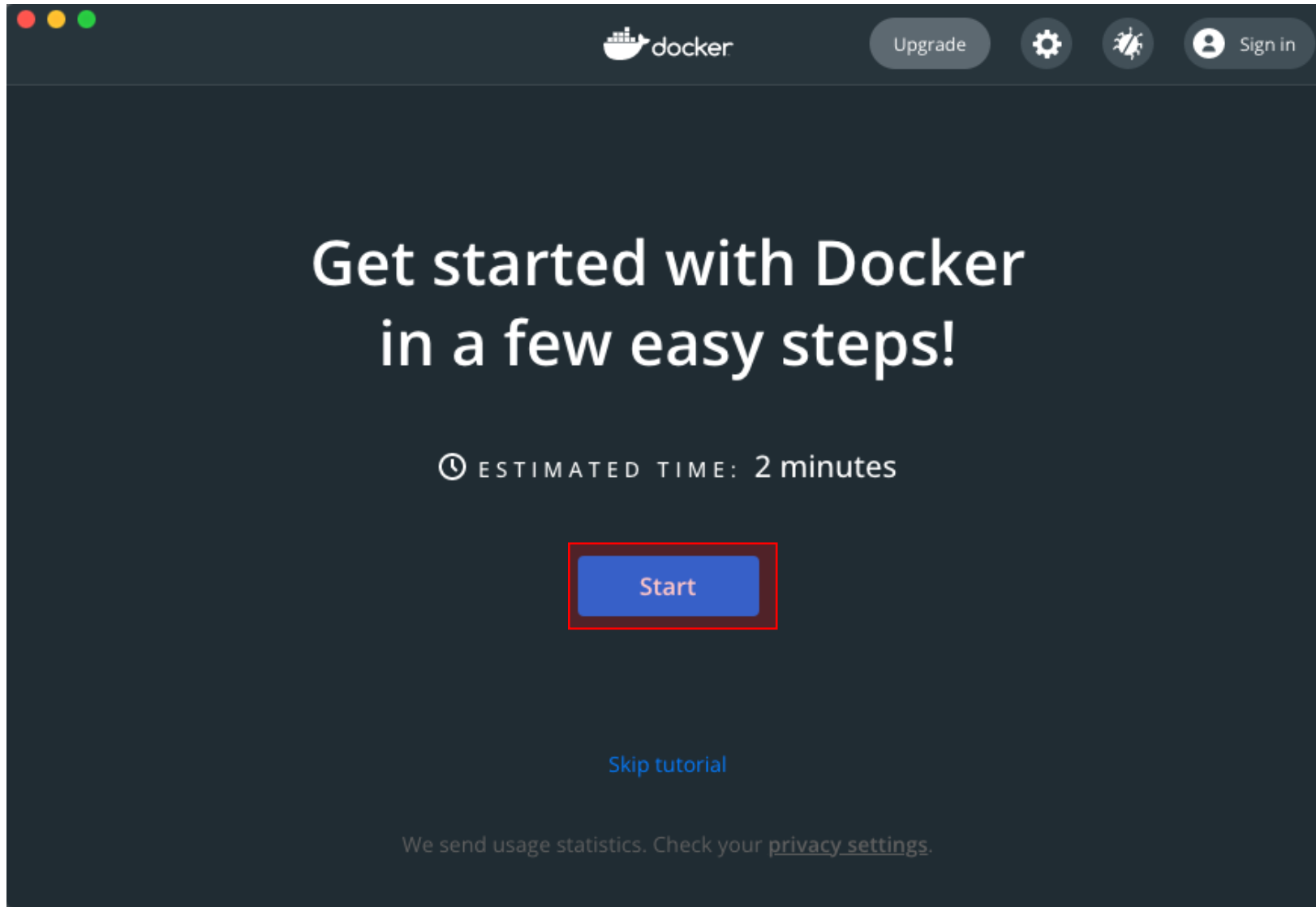
[View Full Terms](#) 

[Decline and Close Application](#)

[Accept](#)



Após instalar o aplicativo, o Docker Desktop abre o Guia de início rápido. O tutorial inclui um exercício simples para construir uma Imagem Docker de exemplo, executá-la como um Container, enviar e salvar a Imagem no Docker Hub



1 Clone

2 Build

3 Run

4 Share

First, clone a repository

The Getting Started project is a simple GitHub repository which contains everything you need to build an image and run it as a container.

Clone the repository by running Git in a container.

```
docker run --name repo alpine/git clone \  
https://github.com/docker/getting-started.git >>  
docker cp repo:/git/getting-started/ .
```

You can also type the command directly in a command line interface.

[Next Step](#)[Skip tutorial](#)

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit <https://support.apple.com/kb/HT208050>.
iMac:~ Menk\$

1 Clone

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First, clone a repository

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Clone the repository by running Git in a container.

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docker run --name repo alpine/git clone \
  https://github.com/docker/getting-started.git
docker cp repo:/git/getting-started/ .
```



You can also type the command directly in a command line interface.

[Next Step](#)[Skip tutorial](#)

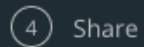
```
The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
iMac:~ Menk$ docker run --name repo alpine/git clone https://github.com/do
cker/getting-started.git
Unable to find image 'alpine/git:latest' locally
latest: Pulling from alpine/git
97518928ae5f: Pull complete
b8d269ae55e3: Pull complete
b863f4504196: Pull complete
b90e122235c6: Pull complete
Digest: sha256:d4740deff7f05d2d48771ff66d9d9c26dfb76f0db0aa833b1ea0ee346fa1
e48f
Status: Downloaded newer image for alpine/git:latest
Cloning into 'getting-started'...
iMac:~ Menk$ docker cp repo:/git/getting-started/ .
iMac:~ Menk$
```



Clone

**Build**

Run



Share

Now, build the image

A Docker image is a private file system just for your container. It provides all the files and code your container needs.

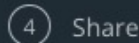
```
cd getting-started  
docker build -t docker101tutorial . >>
```

[Next Step](#)[Skip tutorial](#)

iMac:~ Menk\$


[Clone](#)

[Build](#)

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[Share](#)

Now, build the image

A Docker image is a private file system just for your container. It provides all the files and code your container needs.

```
cd getting-started
docker build -t docker101tutorial .
```


[Next Step](#)
[Skip tutorial](#)

```
=> => resolve docker.io/library/python:alpine@sha256:359a32afa8c60b473a91 0.1s
=> => sha256:359a32afa8c60b473a9131c6331589717afdad8081ba 1.65kB / 1.65kB 0.0s
=> => sha256:190fcab705c0c5c1b11fddf336fb243e5028f9b2dceb 1.37kB / 1.37kB 0.0s
=> => sha256:dd04d4f70e7c3fc372ddf5a78d703edcd80d8f51a8fe 7.44kB / 7.44kB 0.0s
=> => sha256:59bf1c3509f33515622619af21ed55bbe26d24913ced 2.82MB / 2.82MB 2.8s
=> => sha256:07a400e93df3fcc09e5f874878c049b15515236f 678.30kB / 678.30kB 2.8s
=> => sha256:3f64f10bfe42de00957822d8ef10726b7b69ab75a9 11.69MB / 11.69MB 3.9s
=> => extracting sha256:59bf1c3509f33515622619af21ed55bbe26d24913cedbca10 0.6s
=> => sha256:591482cfca0ca53a770a4995ddafe81428442db40cd250f7 229B / 229B 3.2s
=> => sha256:9dlc822b0771708292ec2554627f7b5706ad3ba10c6c 2.35MB / 2.35MB 3.5s
=> => extracting sha256:07a400e93df3fcc09e5f874878c049b15515236f55fbf7601 0.4s
=> => extracting sha256:3f64f10bfe42de00957822d8ef10726b7b69ab75a9ab8e3bd 1.2s
=> => extracting sha256:591482cfca0ca53a770a4995ddafe81428442db40cd250f79 0.0s
=> => extracting sha256:9dlc822b0771708292ec2554627f7b5706ad3ba10c6cdae49 0.3s
=> [internal] load build context
=> => transferring context: 10.50MB 0.3s
=> [app-base 2/5] WORKDIR /app 6.1s
=> [base 2/4] WORKDIR /app 1.8s
=> [app-base 3/5] COPY app/package.json app/yarn.lock ./ 0.2s
=> [base 3/4] COPY requirements.txt . 0.2s
=> [app-base 4/5] COPY app/spec ./spec 0.1s
=> [base 4/4] RUN pip install -r requirements.txt 32.9s
=> [app-base 5/5] COPY app/src ./src 0.5s
=> [app-zip-creator 1/4] COPY app/package.json app/yarn.lock ./ 0.1s
=> [app-zip-creator 2/4] COPY app/spec ./spec 0.0s
=> [app-zip-creator 3/4] COPY app/src ./src 0.6s
=> [app-zip-creator 4/4] RUN apk add zip && zip -r /app.zip /app 3.0s
=> [stage-6 2/3] COPY --from=app-zip-creator /app.zip /usr/share/nginx/ht 0.4s
=> [build 1/2] COPY . . 1.8s
=> [build 2/2] RUN mkdocs build 2.9s
=> [stage-6 3/3] COPY --from=build /app/site /usr/share/nginx/html 0.8s
=> exporting to image 0.4s
=> => exporting layers 0.2s
=> => writing image sha256:bf1d28f3d1e48cccf39a1a7e84a860594f6c10b9eddcdc 0.1s
=> => naming to docker.io/library/docker101tutorial 0.0s
```

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
iMac:getting-started Menk\$



Clone



Build



Run



Share

Run your first container

Start a container based on the image you built in the previous step. Running a container launches your application with private resources, securely isolated from the rest of your machine.

```
docker run -d -p 80:80 \
  --name docker-tutorial docker101tutorial
```

[Next Step](#)[Skip tutorial](#)

```
iMac:getting-started Menk$
```



Clone



Build



Run



Share

Run your first container

Start a container based on the image you built in the previous step. Running a container launches your application with private resources, securely isolated from the rest of your machine.

```
docker run -d -p 80:80 \
--name docker-tutorial docker10ltutorial
```

[Next Step](#)[Skip tutorial](#)

```
iMac:getting-started Menk$ docker run -d -p 80:80 --name docker-tutorial docker10ltutorial
473e21d080ce0348d23faccb17584609fc50f6cdf179373f1275b9fc714e8f6
iMac:getting-started Menk$
```

```
Menk — -bash — 107x6
[iMac:~ Menk$ docker ps]
CONTAINER ID   IMAGE                COMMAND                  CREATED        STATUS        PORTS
473e21d080ce   docker101tutorial   "/docker-entrypoint.    49 seconds ago Up 48 seconds  0.0.0.0:80->80
/tcp          docker-tutorial
iMac:~ Menk$
```

http://localhost:80

Getting Started - Getting Start x +

localhost/tutorial/

Getting Started

Search

docker/getting-started
1.6k Stars · 3.3k Forks

Getting Started

The command you just ran

Congratulations! You have started the container for this tutorial! Let's first explain the command that you just ran. In case you forgot, here's the command:

```
docker run -d -p 80:80 docker/getting-started
```

You'll notice a few flags being used. Here's some more info on them:

- `-d` - run the container in detached mode (in the background)
- `-p 80:80` - map port 80 of the host to port 80 in the container
- `docker/getting-started` - the image to use

Pro tip

You can combine single character flags to shorten the full command. As an example, the command above could be written as:

```
docker run -dp 80:80 docker/getting-started
```

Table of contents

- The command you just ran
- The Docker Dashboard
- What is a container?
- What is a container image?

- ✓ Clone
- ✓ Build
- ✓ Run
- 4 Share

Now save and share your image

You must be signed in to Docker Hub to share your image.
[Sign in here.](#)

Save and share your image on Docker Hub to enable other users to easily download and run the image on any destination machine.

```
docker tag docker101tutorial {userName}/docker101tutorial  
docker push {userName}/docker101tutorial
```



Done

[Skip tutorial](#)

iMac:getting-started Menk\$

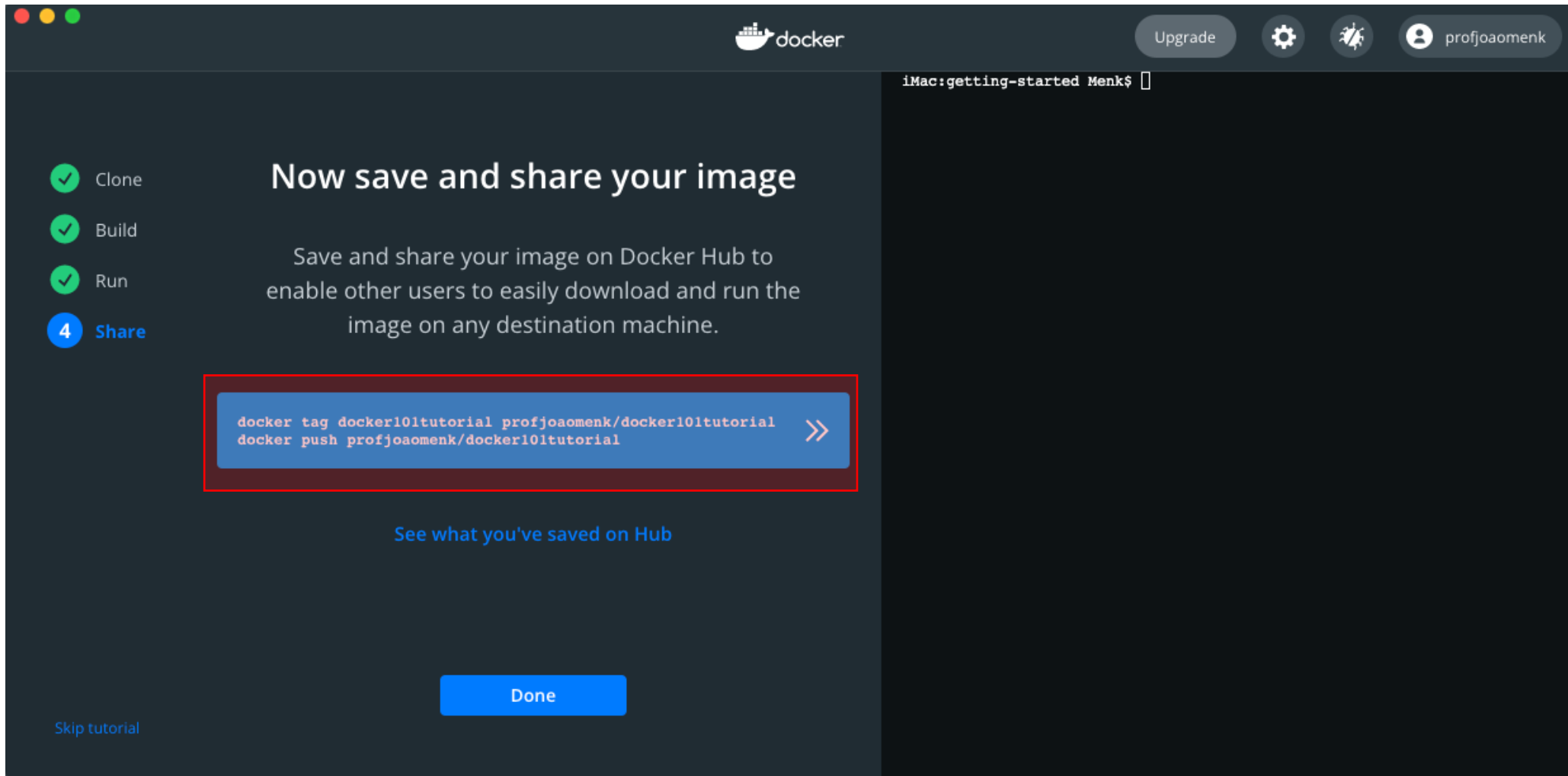
Docker



Sign in with your Docker ID

Sign In

If you don't have a Docker ID, create one on hub.docker.com





Clone



Build



Run



Share

Now save and share your image

Save and share your image on Docker Hub to enable other users to easily download and run the image on any destination machine.

```
docker tag docker101tutorial profjoaomenk/docker101tutorial
docker push profjoaomenk/docker101tutorial
```



[See what you've saved on Hub](#)

Done

[Skip tutorial](#)

```
iMac:getting-started Menk$ docker tag docker101tutorial profjoaomenk/dock
er101tutorial
iMac:getting-started Menk$ docker push profjoaomenk/docker101tutorial
Using default tag: latest
The push refers to repository [docker.io/profjoaomenk/docker101tutorial]
ba3ecc397ffb: Pushed
fc4b7badbc4f: Pushed
3d71b657b020: Mounted from library/nginx
eabae5075c43: Mounted from library/nginx
385374b911f2: Mounted from library/nginx
5af959103b90: Mounted from library/nginx
ad93babfd60c: Mounted from library/nginx
1a058d5342cc: Mounted from library/node
latest: digest: sha256:232b212d86269414a63dbea54e7a5d5ab0dea0e14a8dd148344
8d7b88ce798cf size: 1990
iMac:getting-started Menk$
```



Search for great content (e.g., mysql)

Explore

Repositories

Organizations

Help

Upgrade



profjoaomenk

profjoaomenk



Search by repository name

Create Repository

profjoaomenk / **docker101tutorial**

Updated a few seconds ago



Not Scanned



0



4



Public



Tip: Not finding your repository? Try switching namespace via the top left dropdown.

✓ You ran your first container image



docker-tutorial

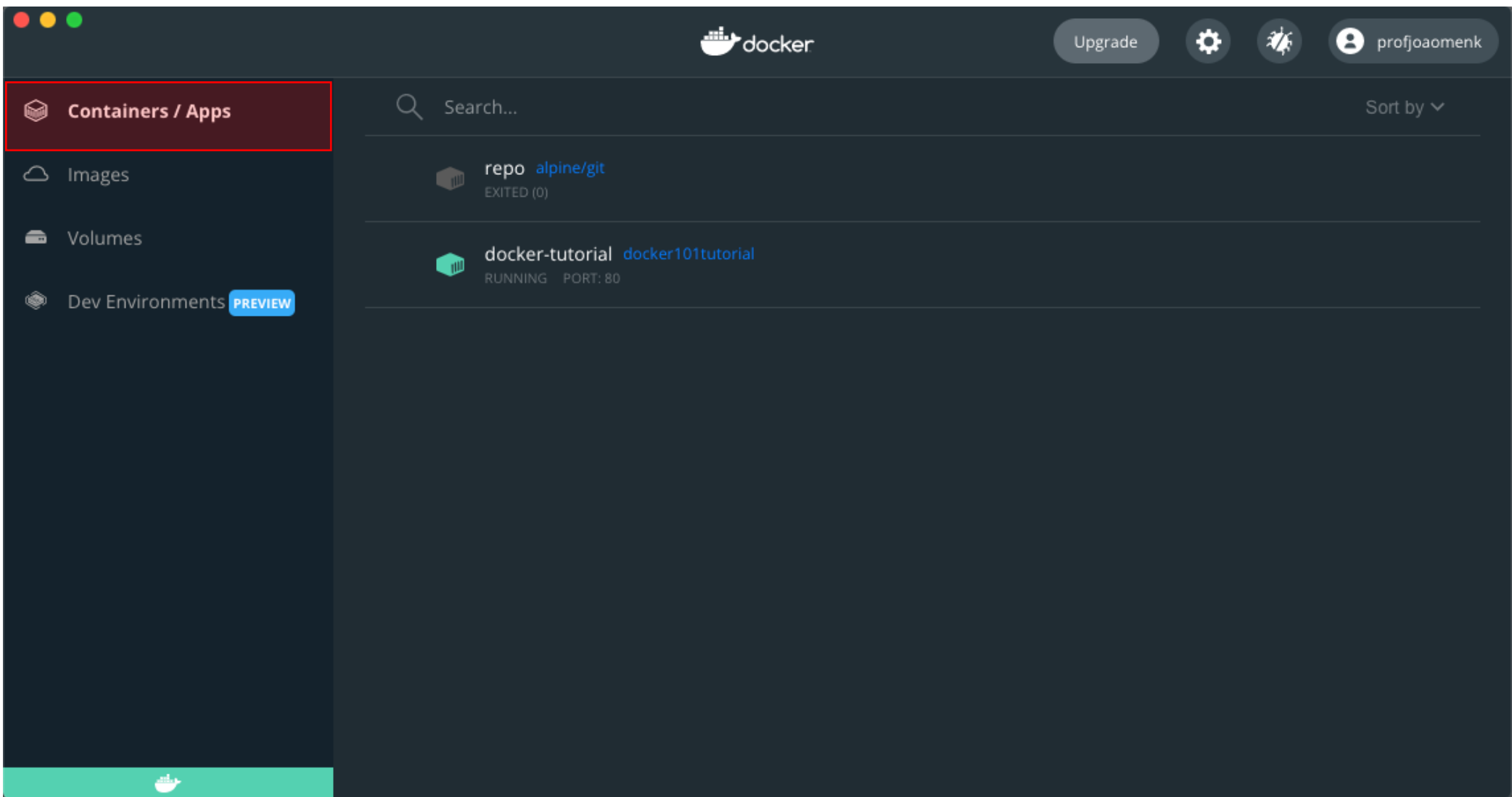
RUNNING PORT: 80




Now get an app up and running!



Click the "View in Browser"
button for a hands-on tutorial!


[Go directly to the Dashboard instead](#)








Upgrade




 profjoaomenk

 Containers / Apps

 **Images**

 Volumes

 Dev Environments

PREVIEW

Images on disk

3 images

Total size: 50.31 MB

IN USE

UNUSED

Clean up...


LOCAL


REMOTE REPOSITORIES

Search


☐ In Use only


NAME ↑		TAG	IMAGE ID	CREATED	SIZE
alpine/git	IN USE	latest	c6b70534b534	17 days ago	27.37 MB
docker101tutorial	IN USE	latest	bf1d28f3d1e4	7 minutes ago	28.55 MB
profjoaomenk/docker...	IN USE	latest	bf1d28f3d1e4	7 minutes ago	28.55 MB








Upgrade







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 Containers / Apps

 Images

 **Volumes**


 Dev Environments



PREVIEW



Volumes

New volume

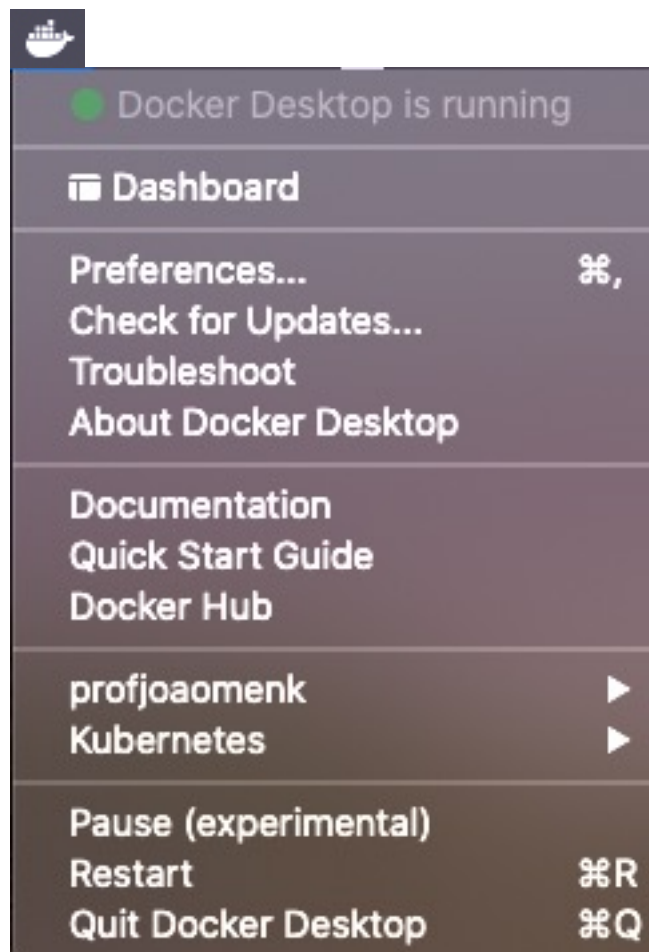
 Search


NAME 	CREATED	SIZE
<div> df430ef01bd9a63fa19590bf32ae1732ae657b5fe824352de4e17...</div>	<div>IN USE</div> 13 minutes ago	10.5 MB

Preferências e Configurações

Ícone na Bandeja do Sistema

1





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