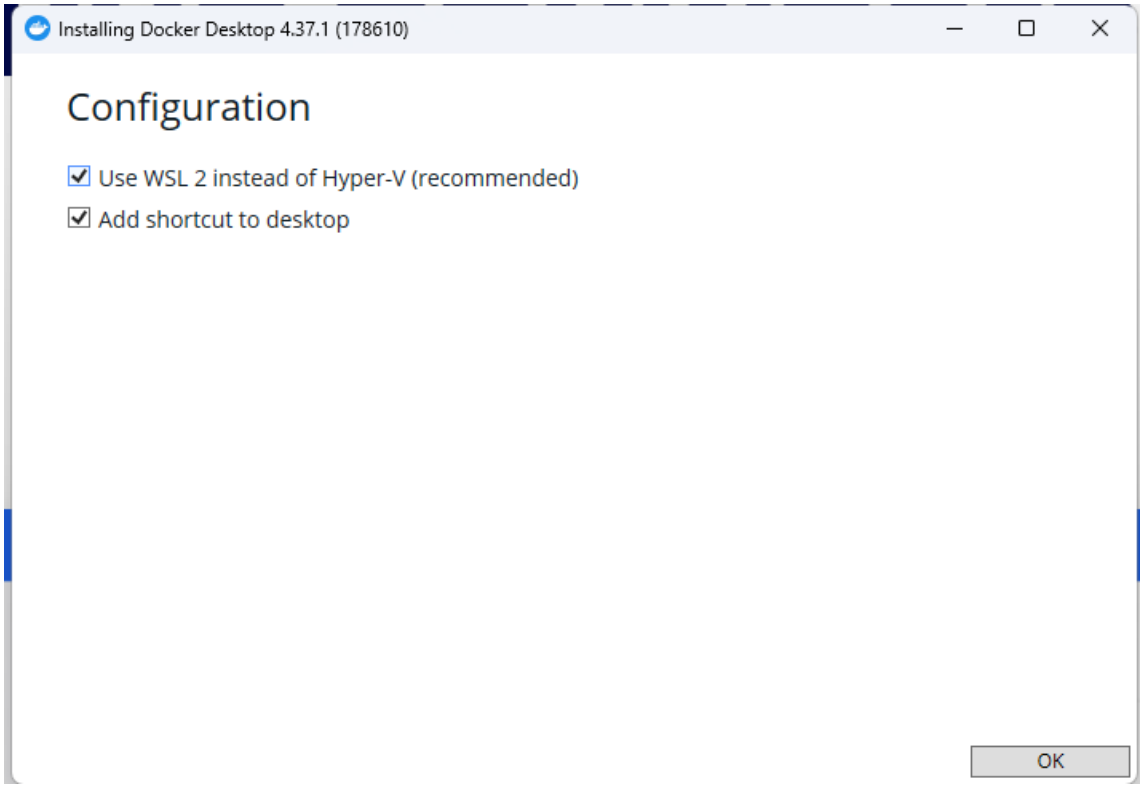
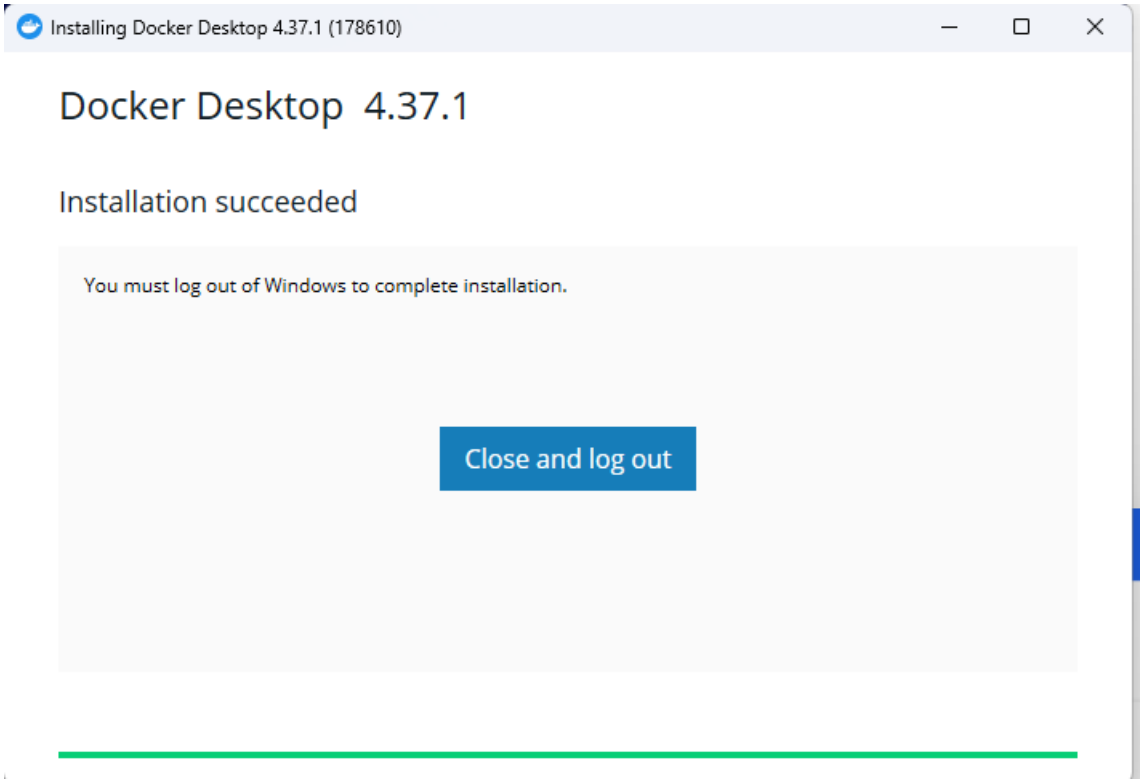
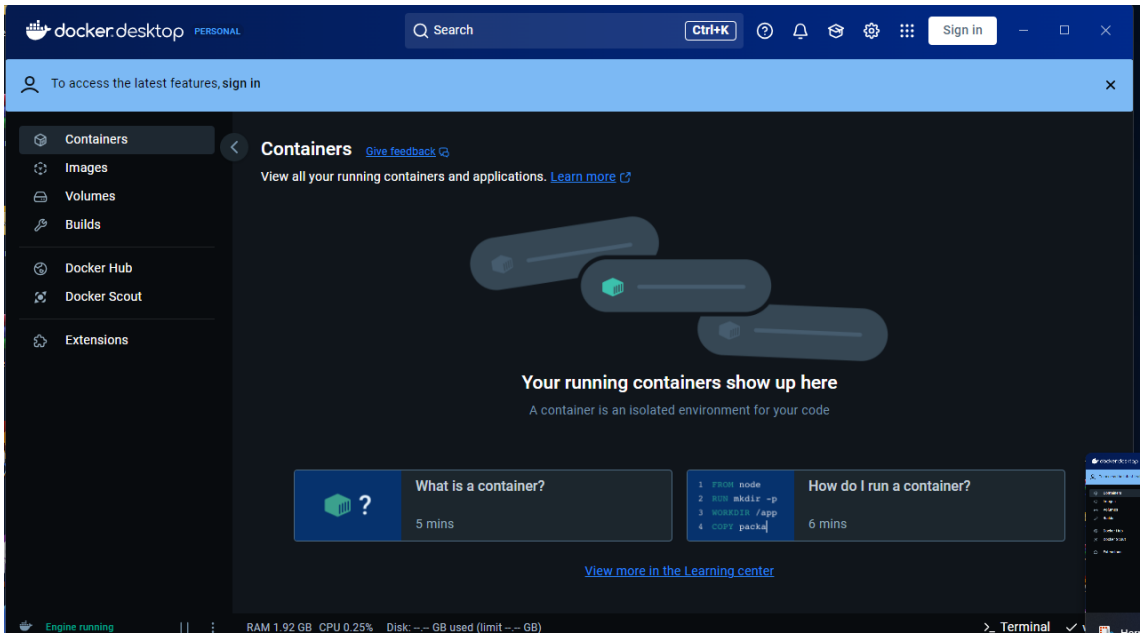
# ÁLVARO JOAQUÍN ALBARRACÍN SALINAS. 2ºDAW.

Instalamos  Docker en Windows.

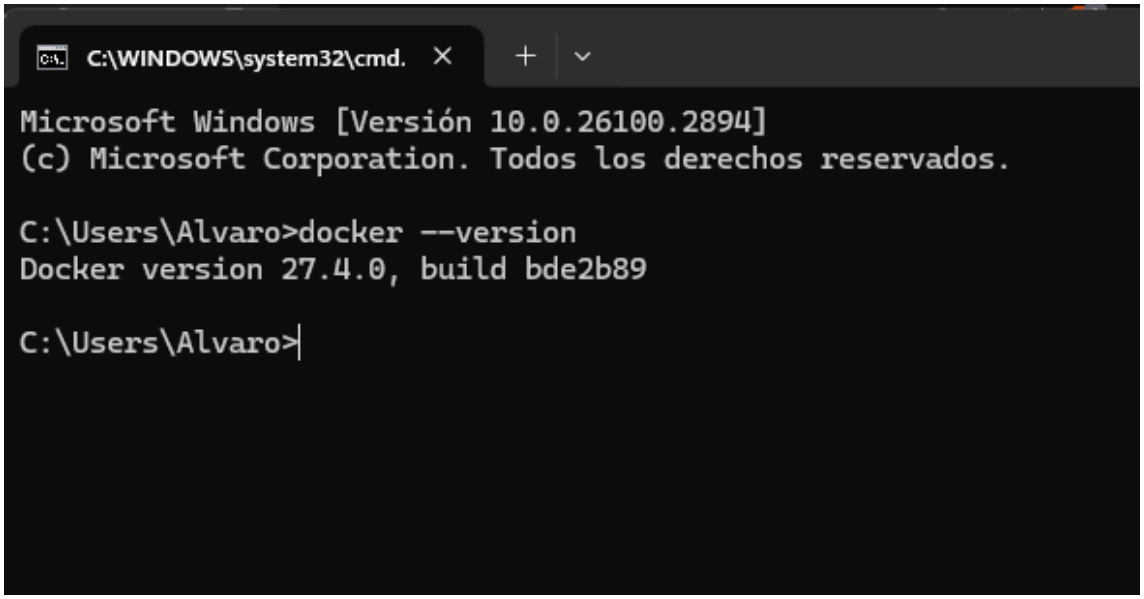


Una vez reiniciado el equipo, observamos la pantalla principal de Docker Desktop.




Vemos la versión.



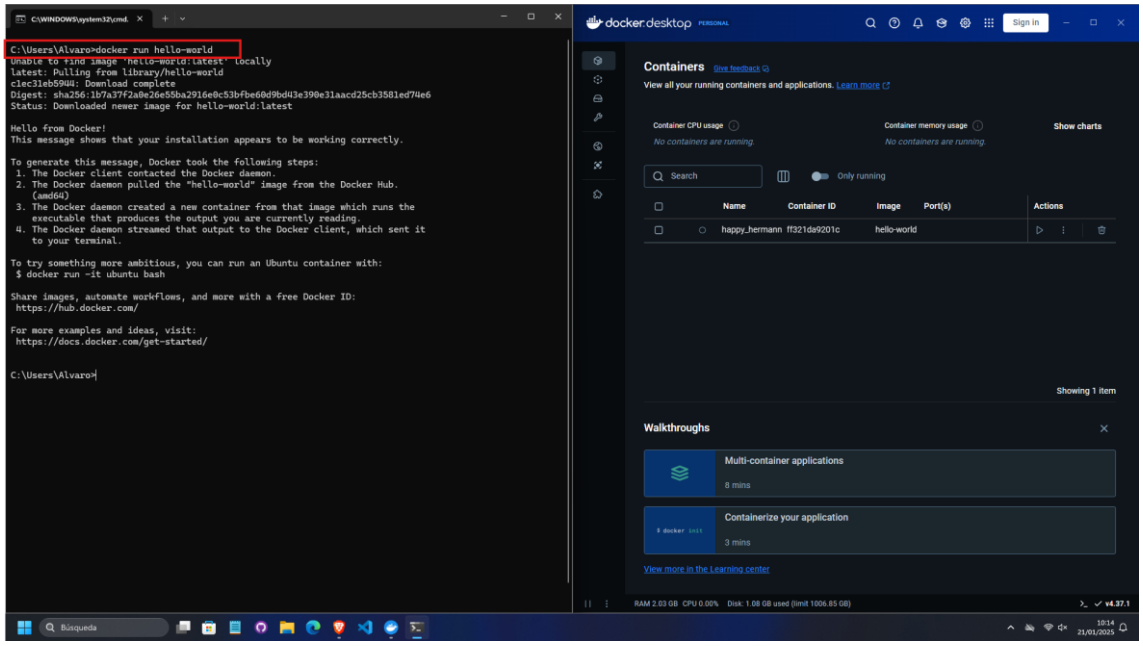
Vemos la ayuda de Docker.

Vemos la información de Docker

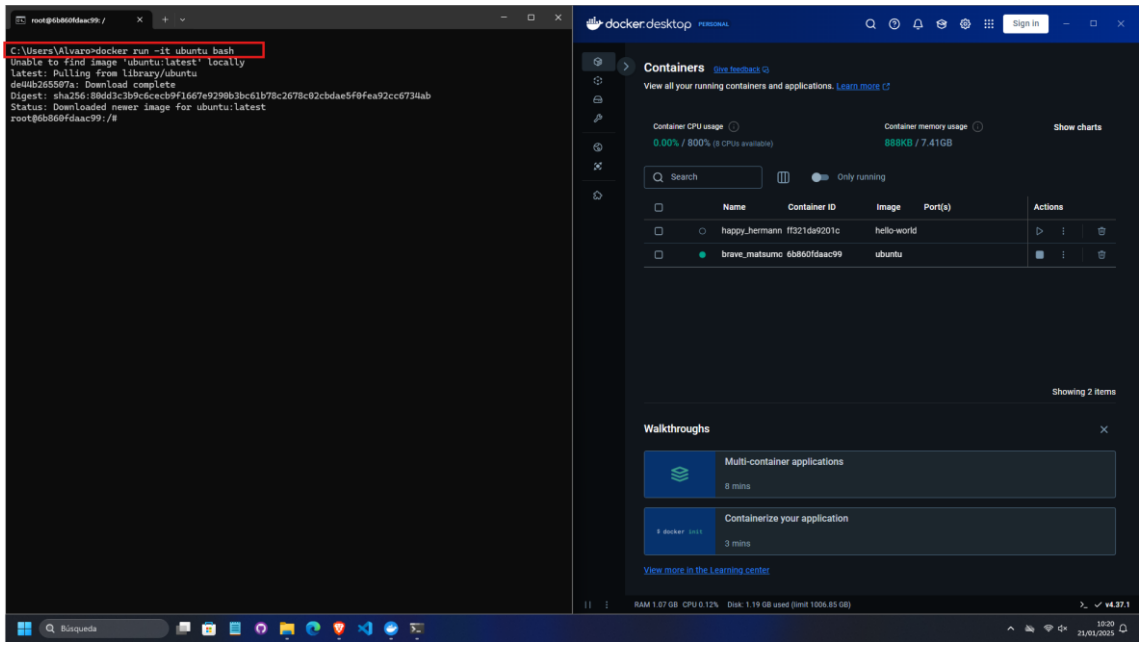
```
C:\WINDOWS\system32\cmd.

C:\Users\Alvaro>docker info
Client:
 Version:    27.4.0
 Context:    desktop-linux
 Debug Mode: false
 Plugins:
  ai: Ask Gordon - Docker Agent (Docker Inc.)
    Version:  v0.5.1
    Path:     C:\Program Files\Docker\cli-plugins\docker-ai.exe
  buildx: Docker Buildx (Docker Inc.)
    Version:  v0.19.2-desktop.1
    Path:     C:\Program Files\Docker\cli-plugins\docker-buildx.exe
  compose: Docker Compose (Docker Inc.)
    Version:  v2.31.0-desktop.2
    Path:     C:\Program Files\Docker\cli-plugins\docker-compose.exe
  debug: Get a shell into any image or container (Docker Inc.)
    Version:  0.0.37
    Path:     C:\Program Files\Docker\cli-plugins\docker-debug.exe
  desktop: Docker Desktop commands (Beta) (Docker Inc.)
    Version:  v0.1.0
    Path:     C:\Program Files\Docker\cli-plugins\docker-desktop.exe
  dev: Docker Dev Environments (Docker Inc.)
    Version:  v0.1.2
    Path:     C:\Program Files\Docker\cli-plugins\docker-dev.exe
  extension: Manages Docker extensions (Docker Inc.)
    Version:  v0.2.27
    Path:     C:\Program Files\Docker\cli-plugins\docker-extension.exe
  feedback: Provide feedback, right in your terminal! (Docker Inc.)
    Version:  v1.0.5
```

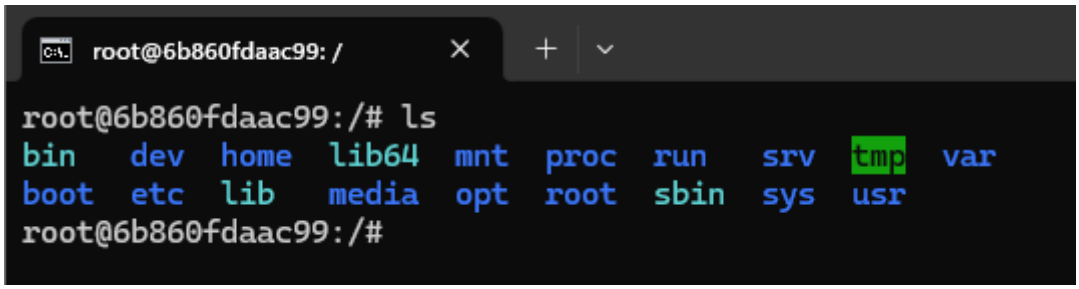
Ejecutamos el hello-world de Docker.



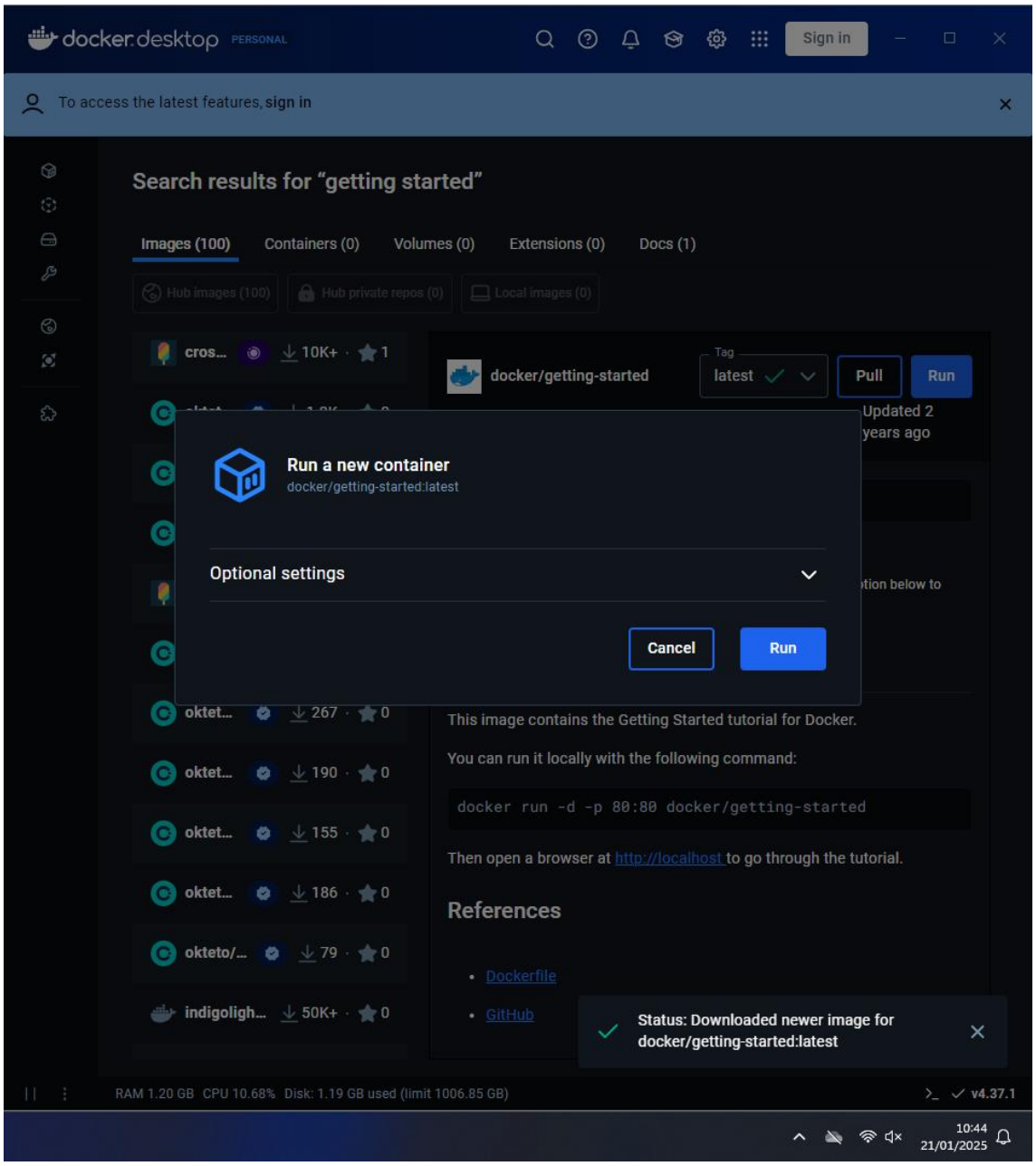
Instalamos ubuntu. También vemos el entorno gráfico.



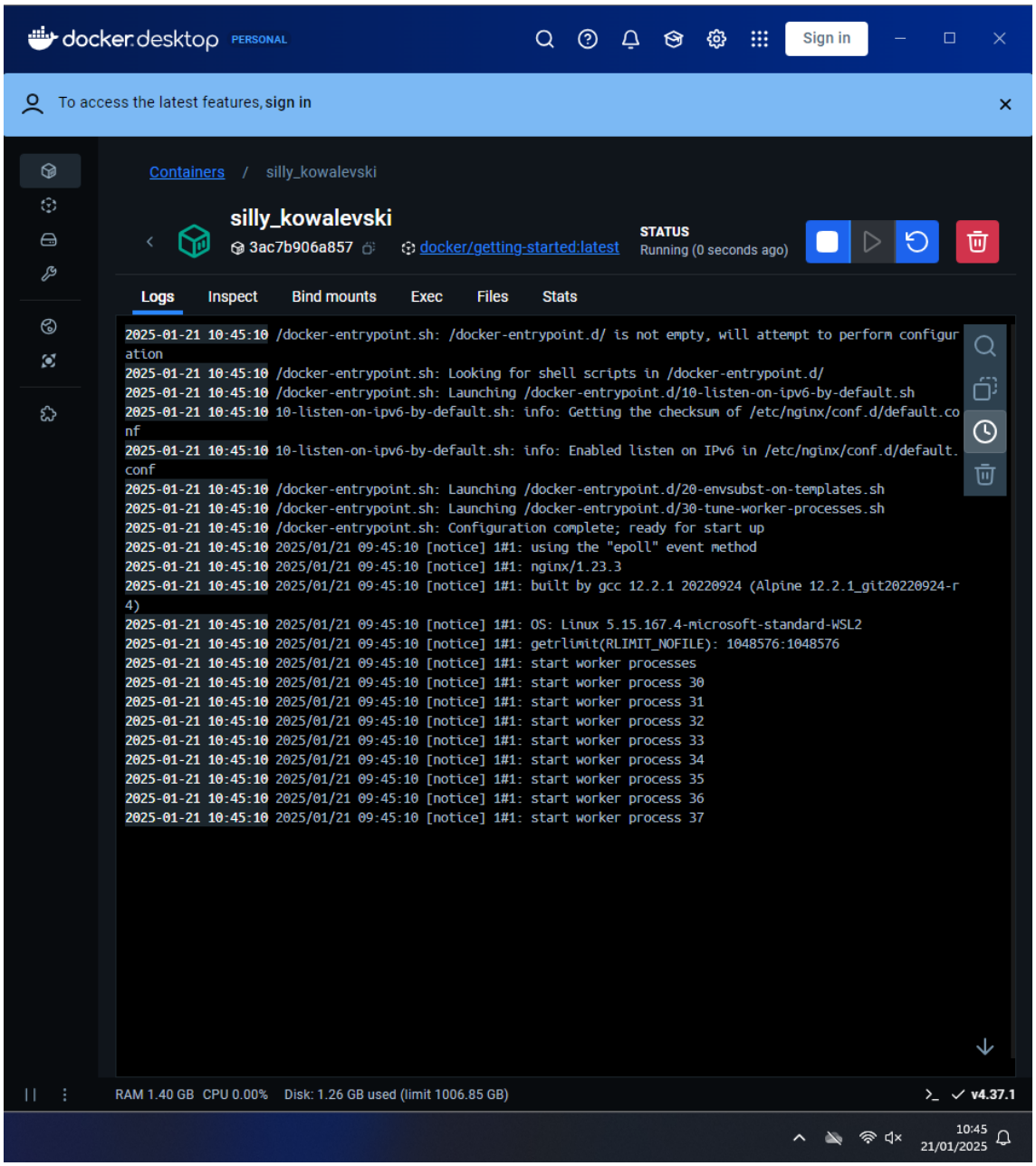

Ejecutamos un comando típico de Linux.



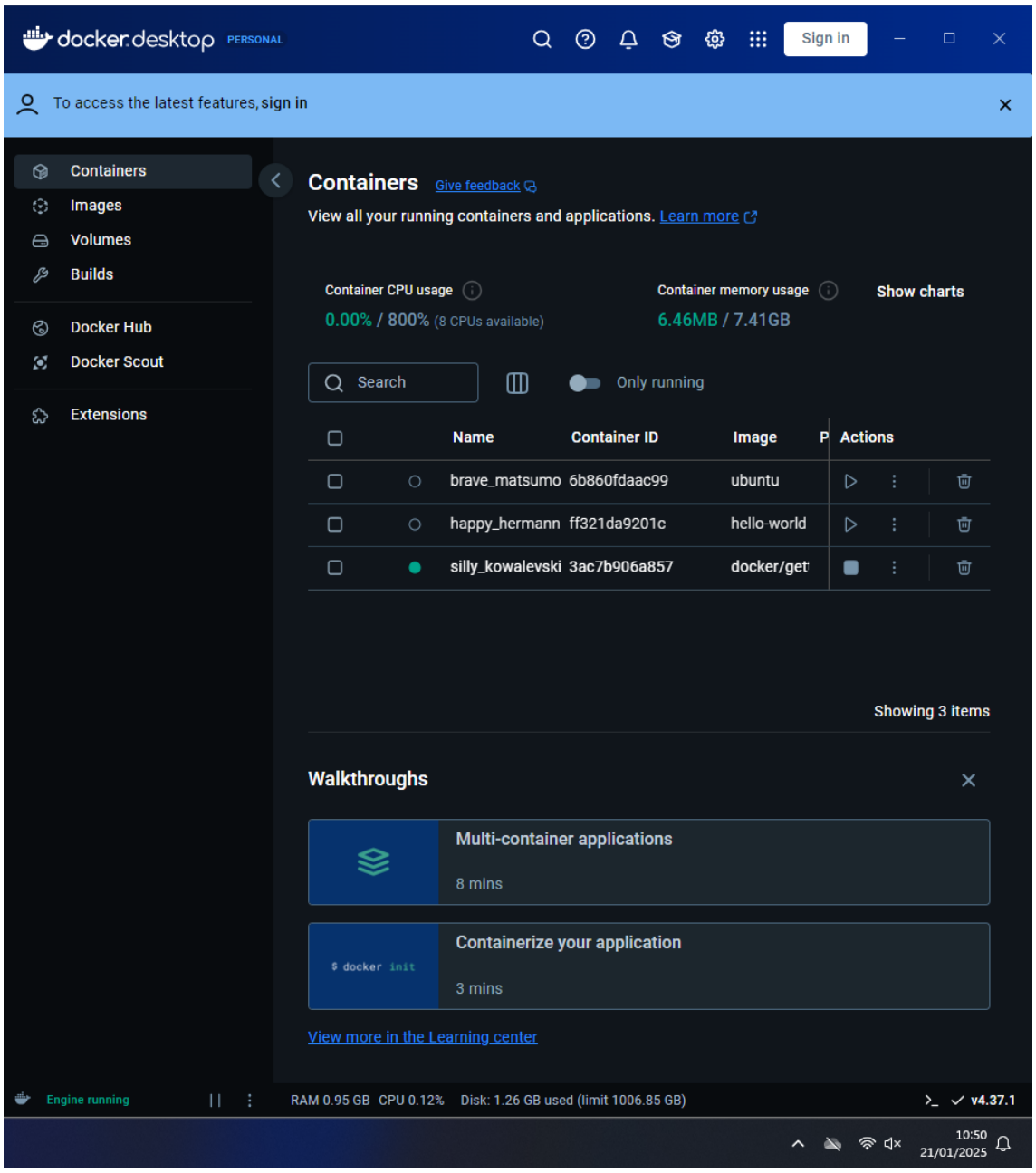
Ejecutamos getting.started.



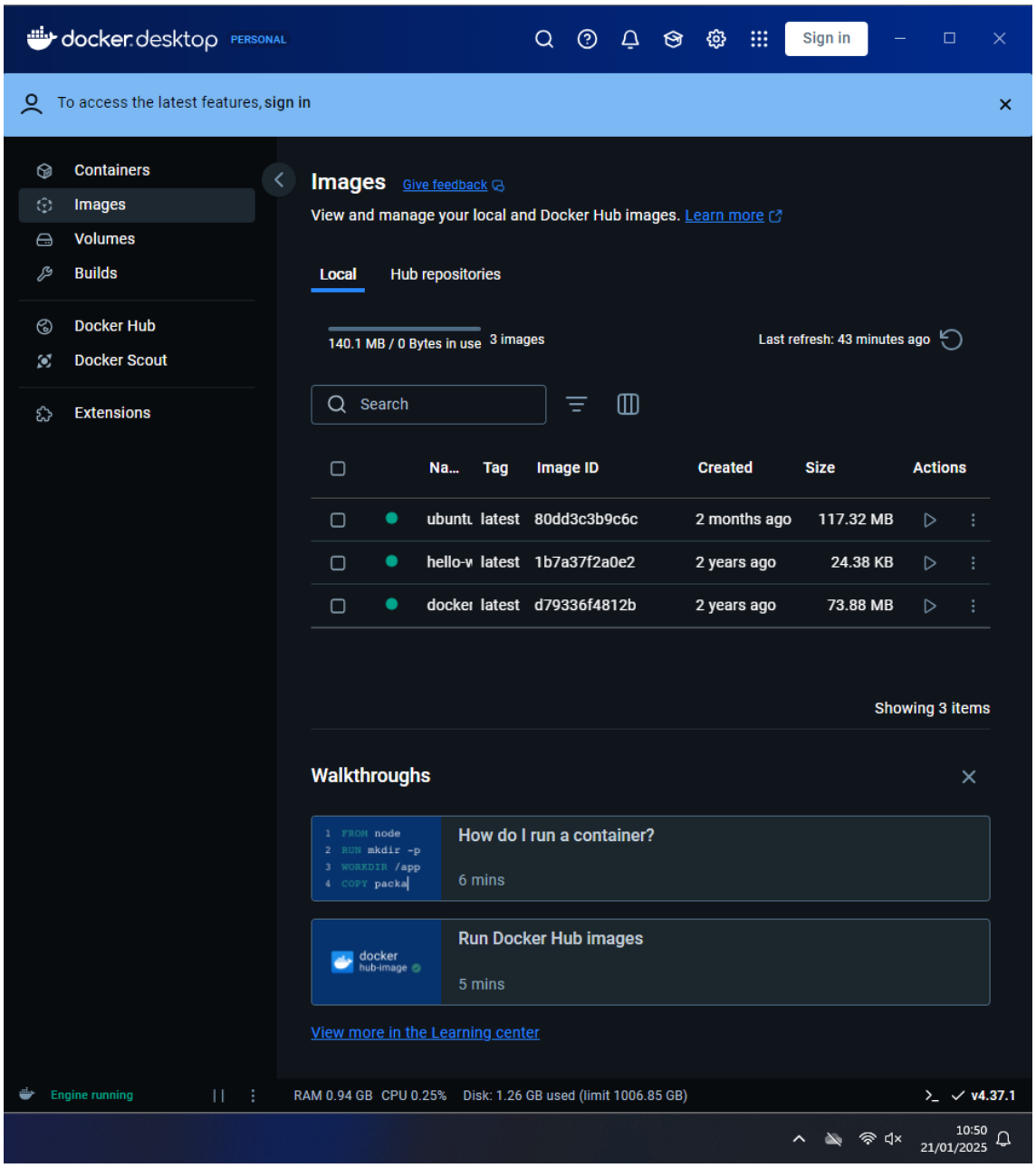
Accedemos a su contenido(logs).



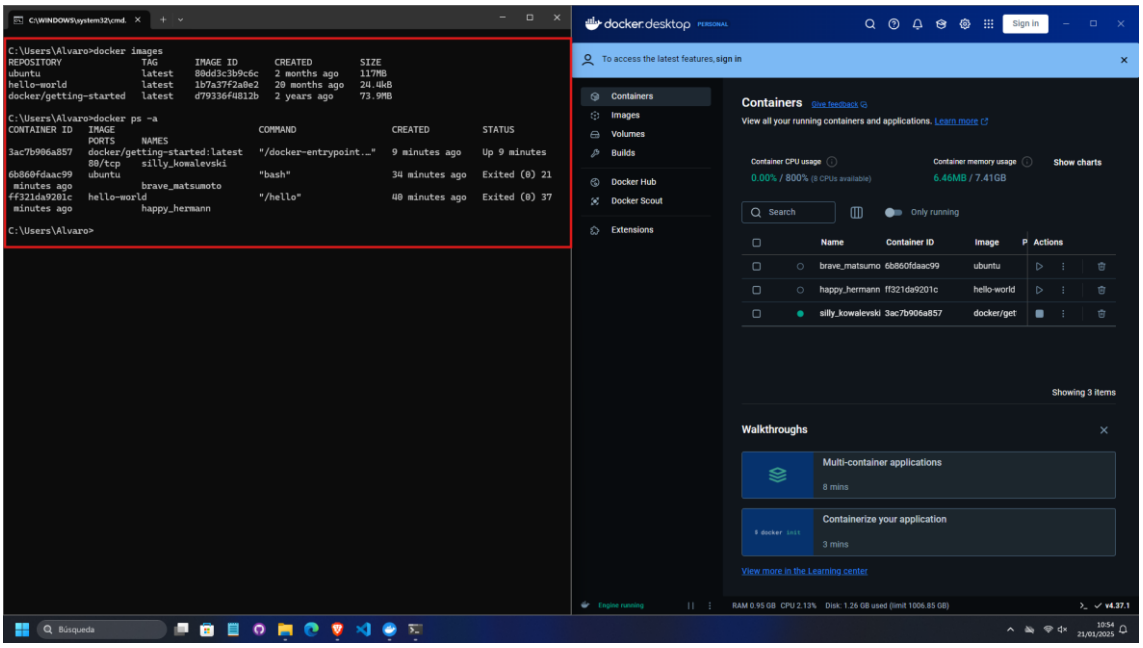
Vemos los contenedores en el entorno gráfico.



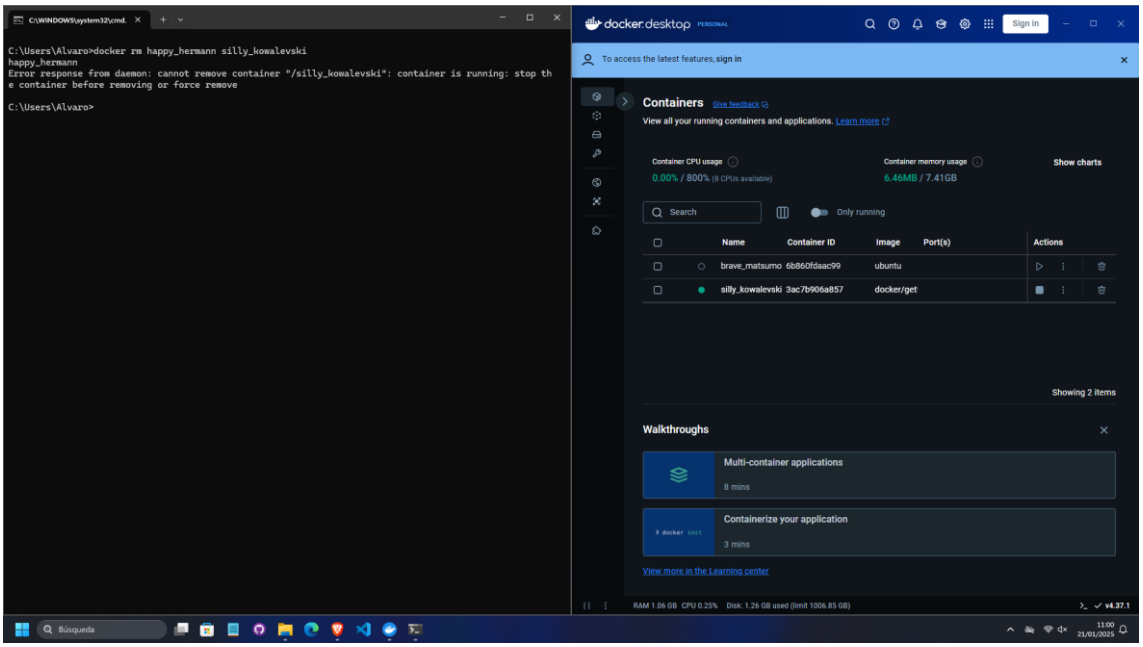
Vemos las imágenes en el entorno gráfico.



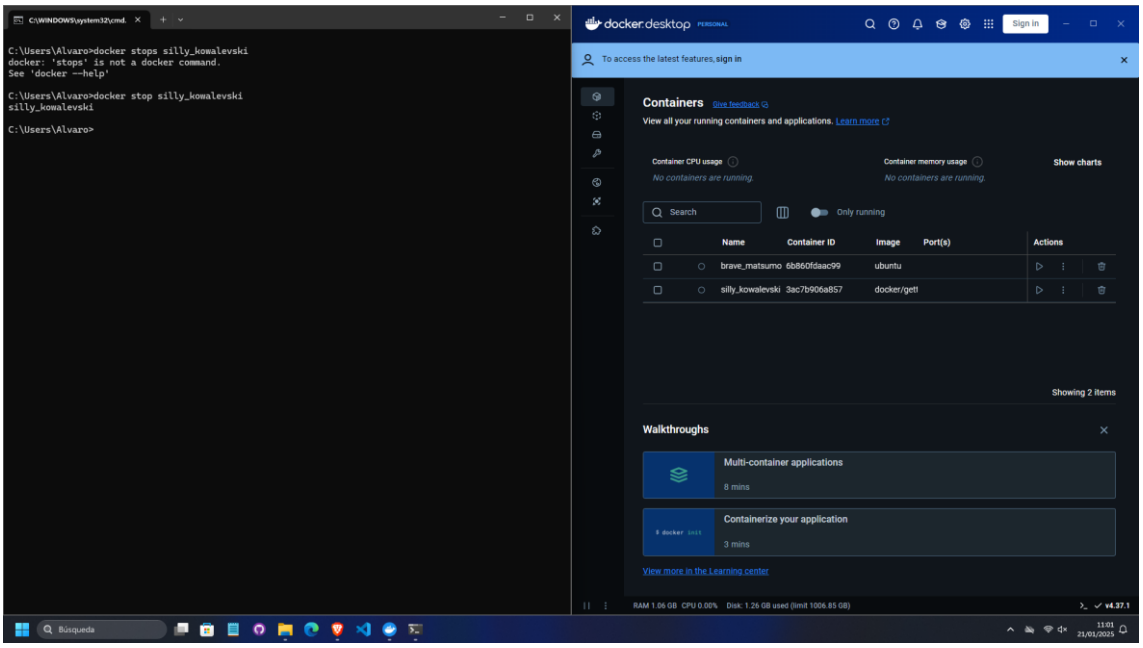
Los/as vemos en la consola.



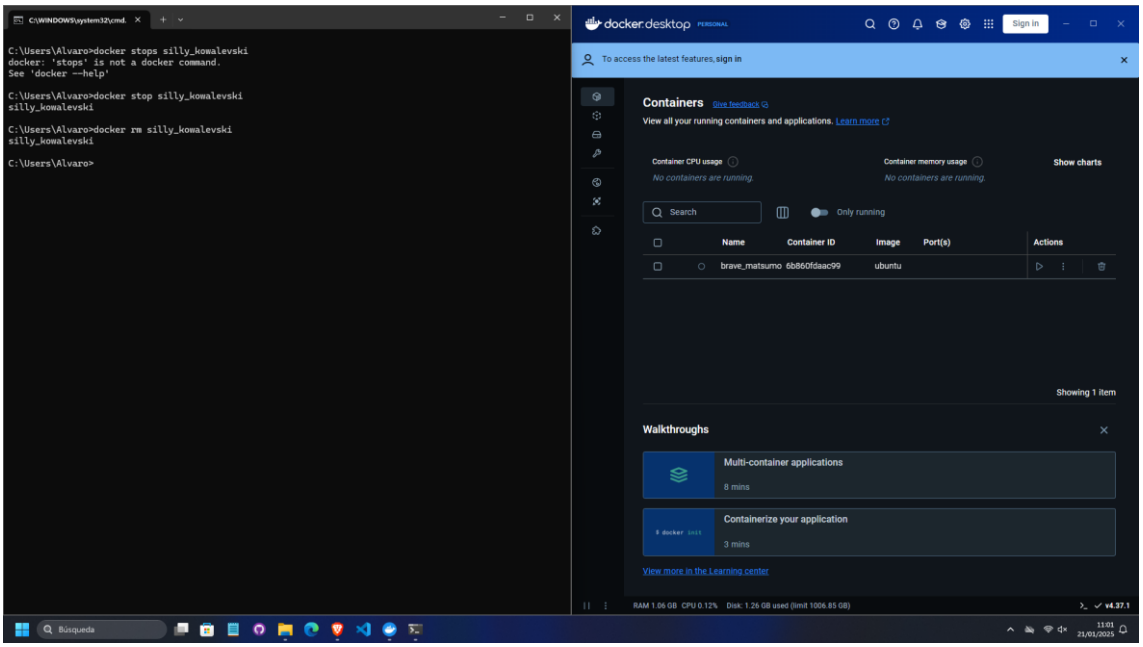

Eliminamos el hello-world container.



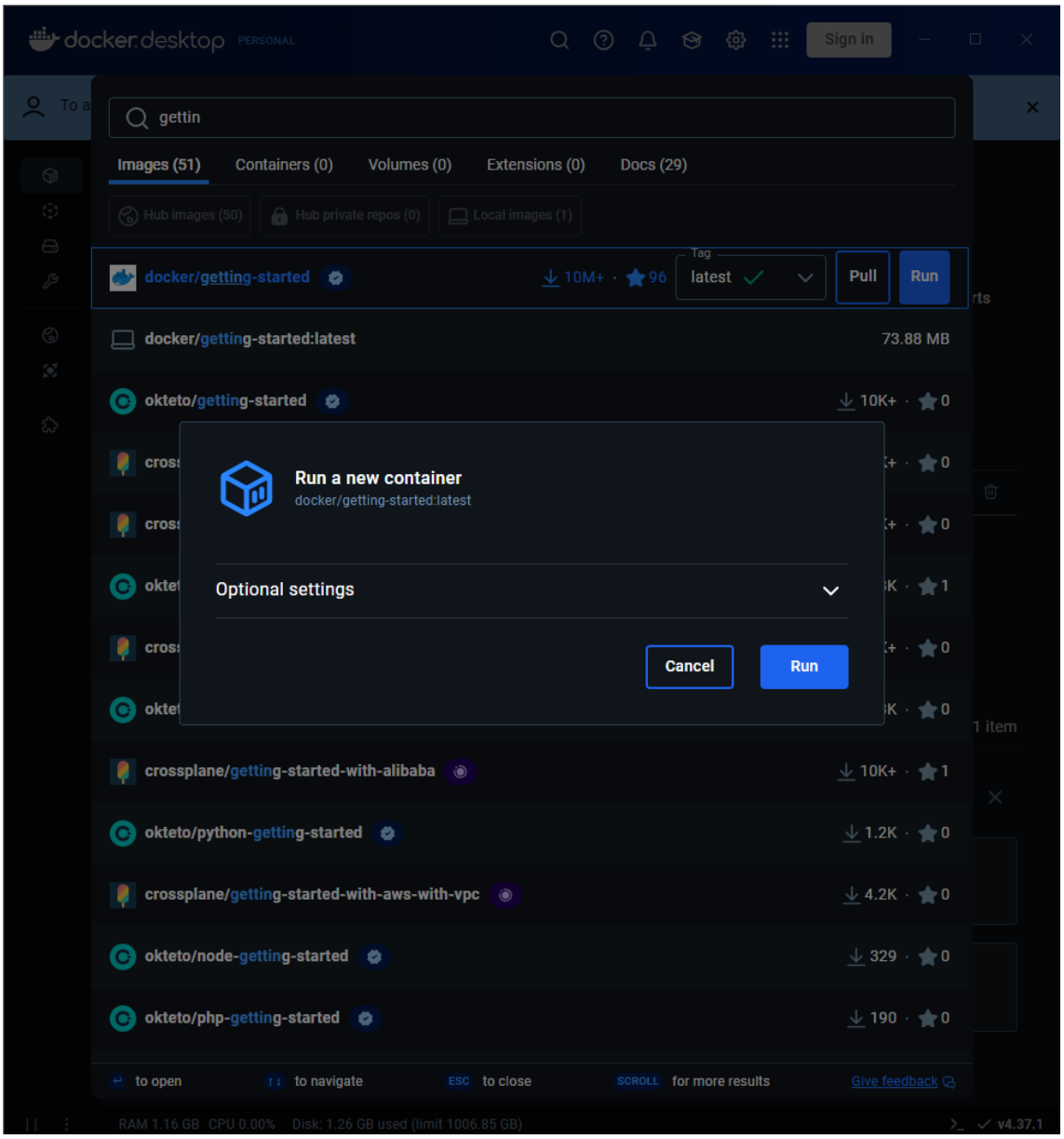
Paramos el container para poder eliminarlo.

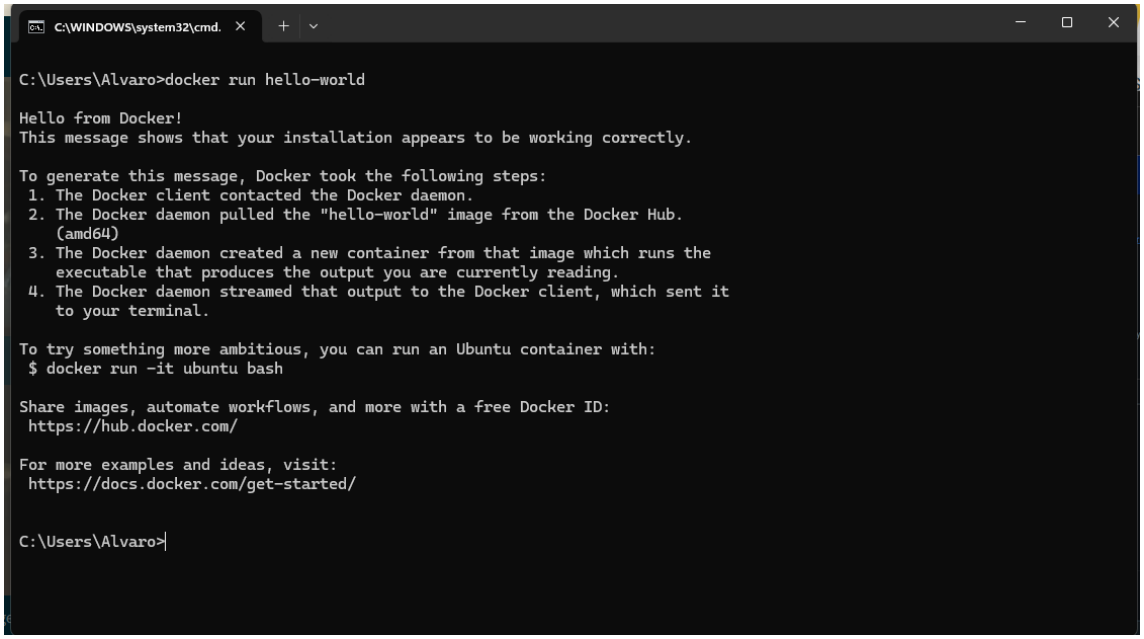



Eliminamos el container getting-started.

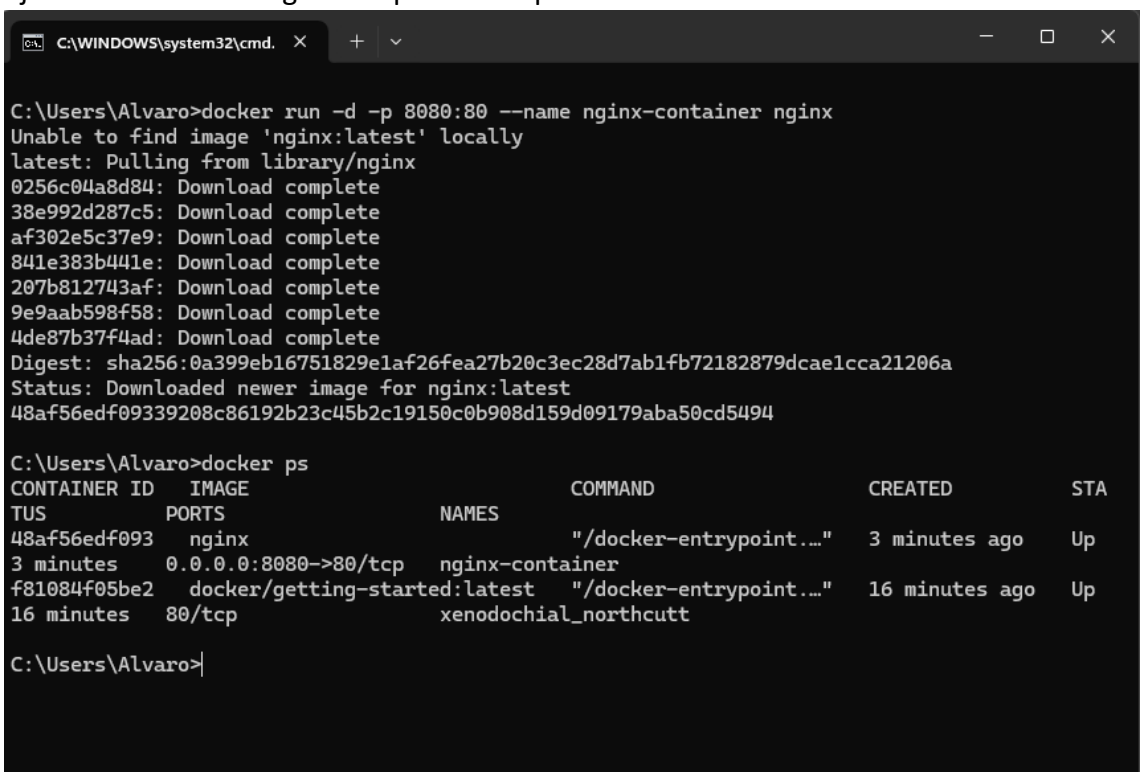


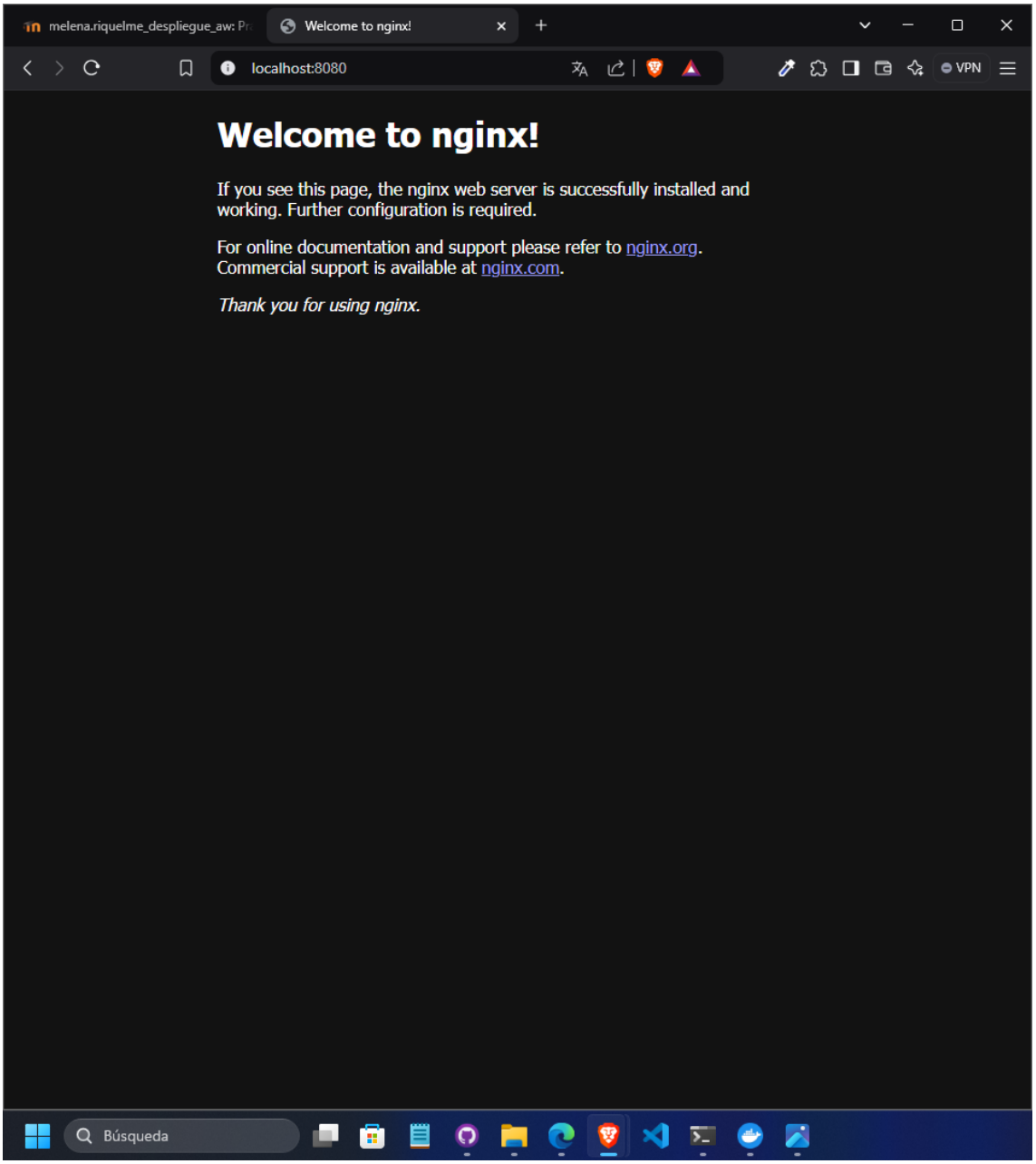
Volvemos a ejecutar los contenedores.



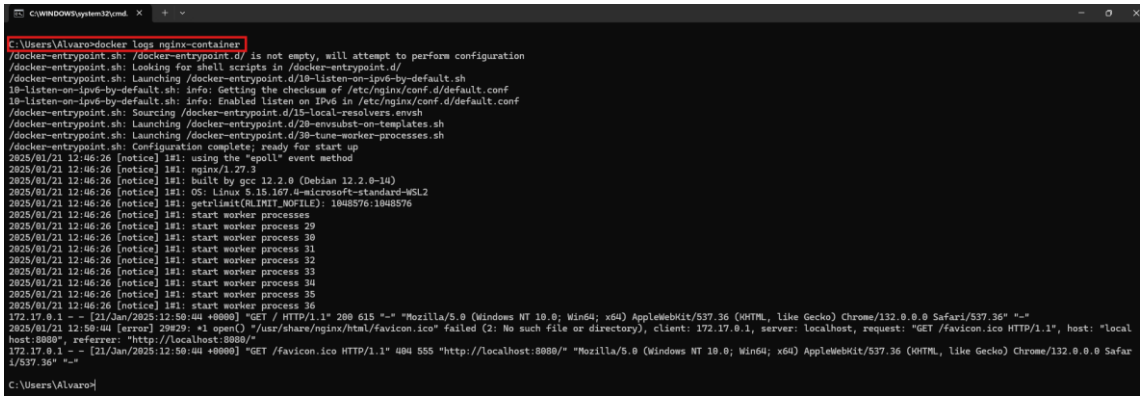



Ejecutamos Docker Nginx. Mapeamos el puerto 8080 de local al 80 del container.

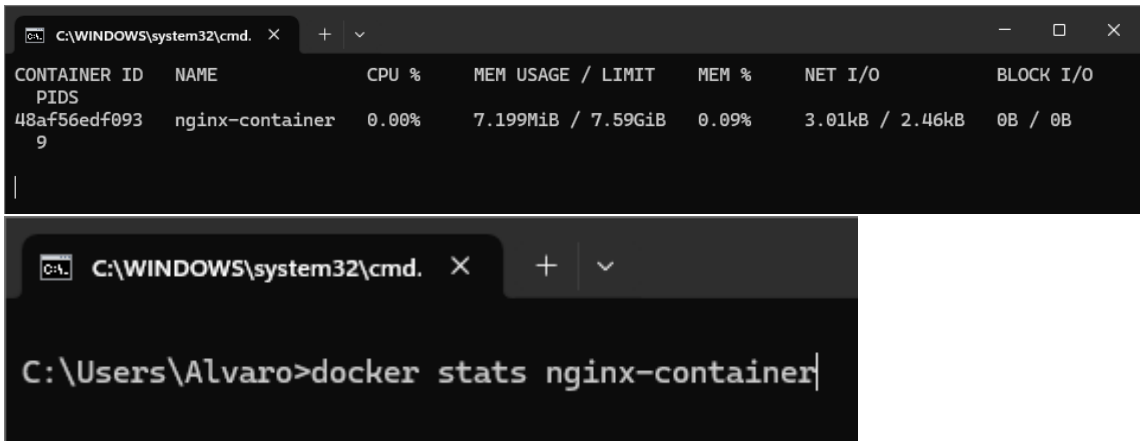




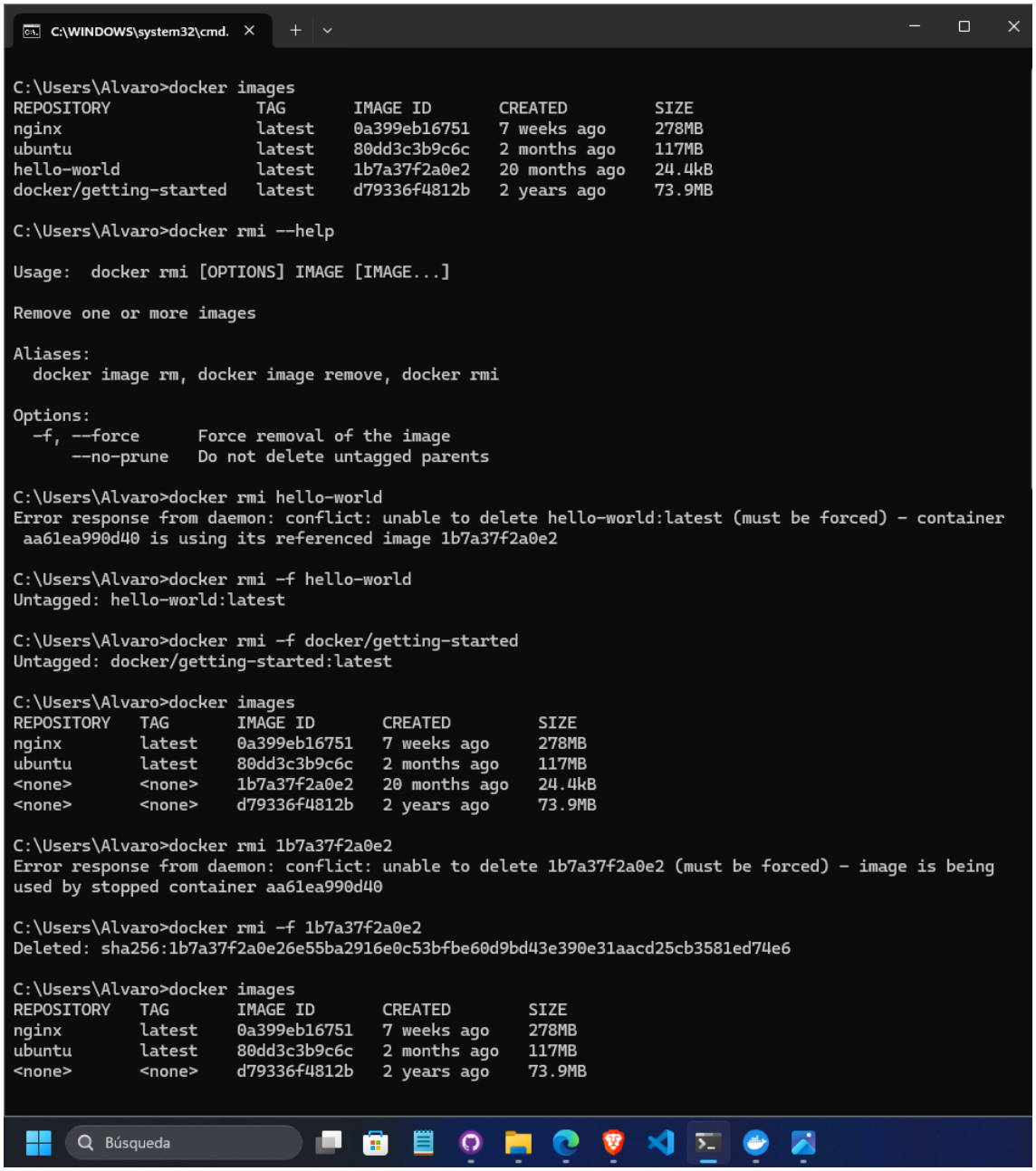

Vemos los logs del container nginx-container.



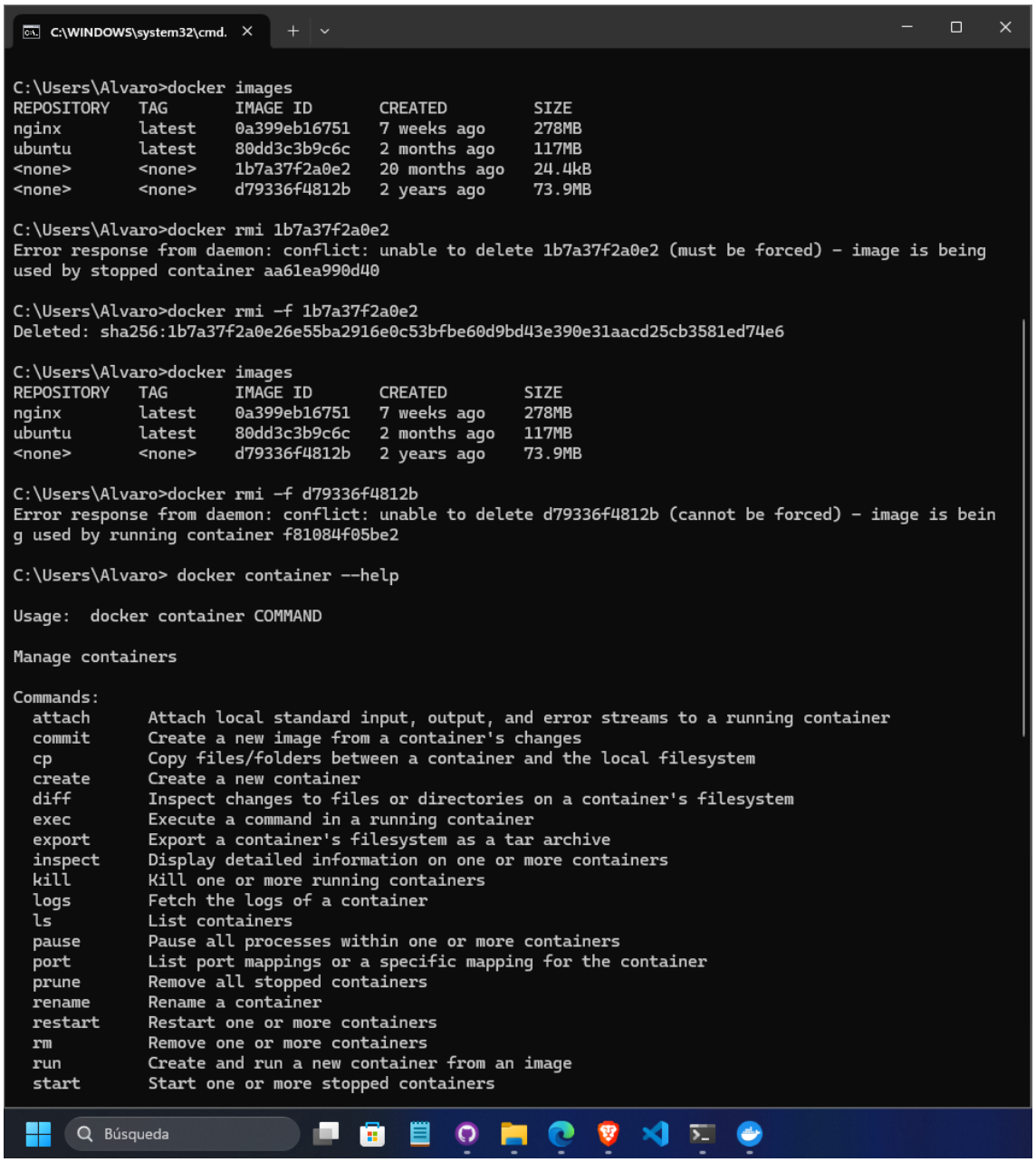
Información de la memoria, cpu…



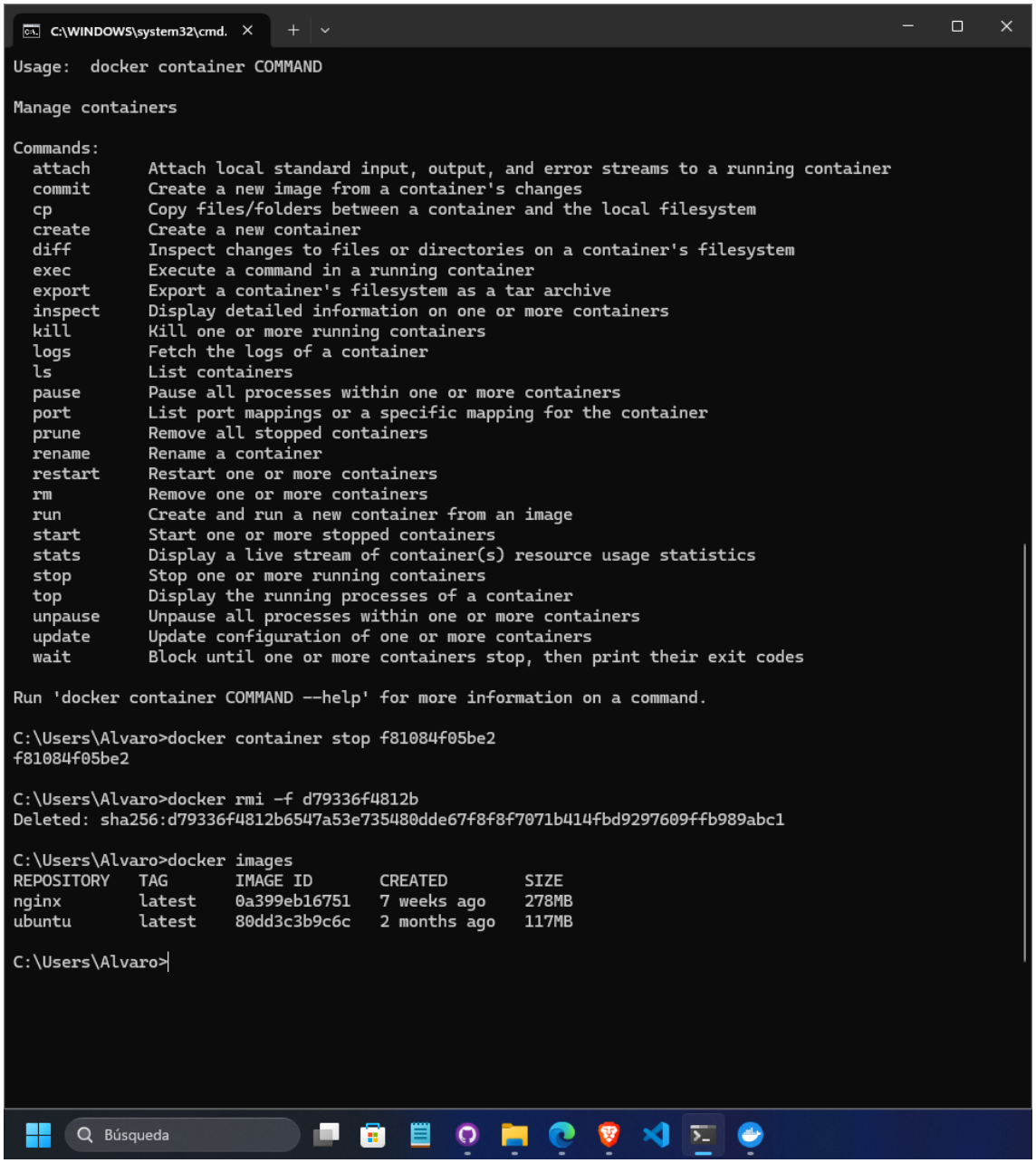
Primero vemos las imágenes que tenemos, vemos los comandos con los que podemos borrar imágenes y forzamos la eliminacion de la imagen hello-world y de getting-started.

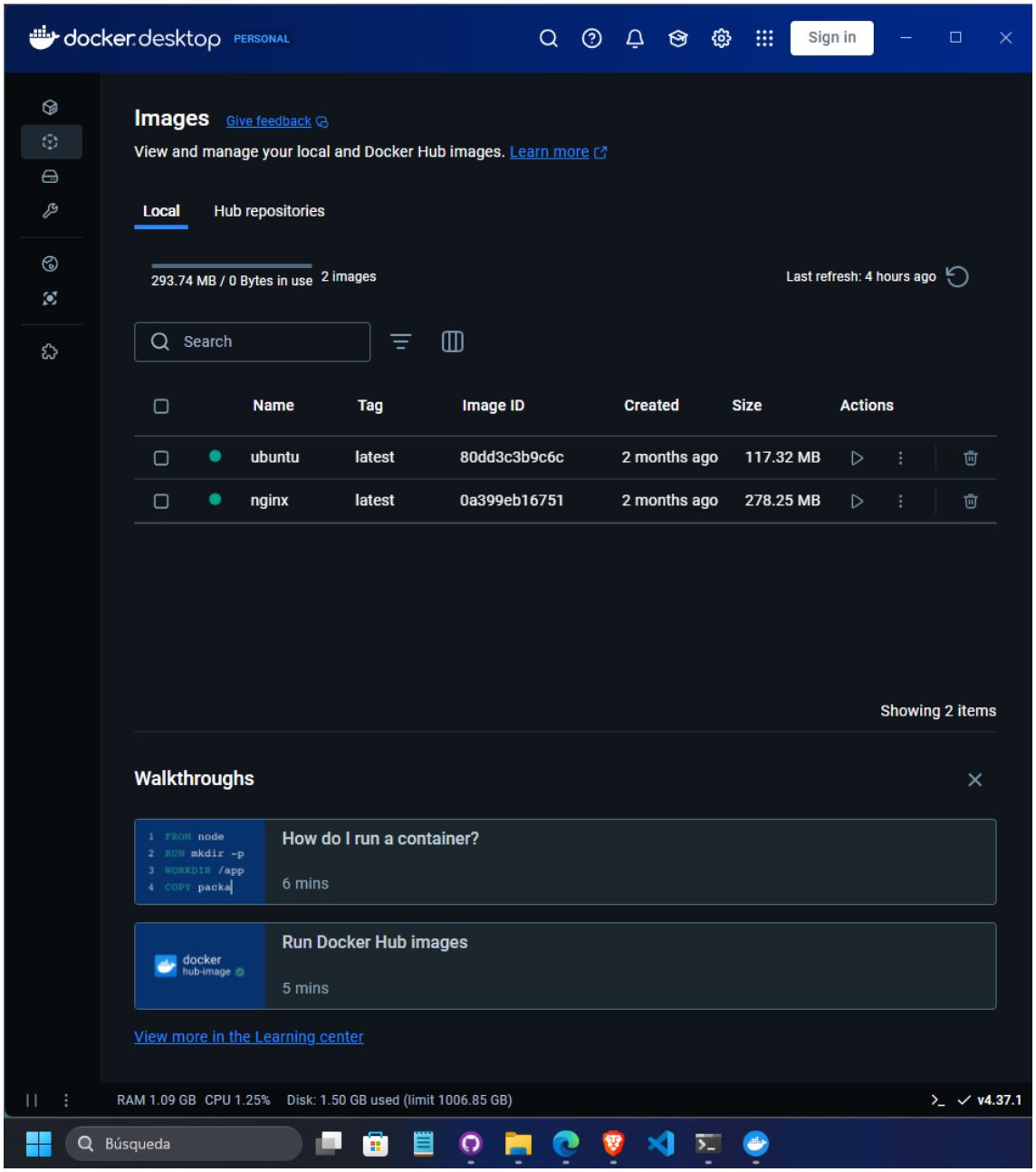


Nos borra solo el nombre, por ello borramos por el IMAGE ID.



Borramoslas imágenes, para ello, tenemos que parar un container que está usando una de ellas. Además forcamos que se borren con –f.


C:\WINDOWS\system32\cmd.
Usage: docker container COMMAND
Manage containers
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
exec Execute a command in a running container
export Export a container's filesystem as a tar archive
inspect Display detailed information on one or more containers
kill Kill one or more running containers
logs Fetch the logs of a container
ls List containers
pause Pause all processes within one or more containers
port List port mappings or a specific mapping for the container
prune Remove all stopped containers
rename Rename a container
restart Restart one or more containers
rm Remove one or more containers
run Create and run a new container from an image
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
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
Run 'docker container COMMAND --help' for more information on a command.
C:\Users\Alvaro>docker container stop f81084f05be2
f81084f05be2
C:\Users\Alvaro>docker rmi -f d79336f4812b
Deleted: sha256:d79336f4812b6547a53e735480dde67f8f8f7071b414fbd9297609ffb989abc1
C:\Users\Alvaro>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
nginx latest 0a399eb16751 7 weeks ago 278MB
ubuntu latest 80dd3c3b9c6c 2 months ago 117MB
C:\Users\Alvaro>
Búsqueda


docker desktop PERSONAL
Sign in
Images
Give feedback
View and manage your local and Docker Hub images. Learn more
Local
Hub repositories
293.74 MB / 0 Bytes in use
2 images
Last refresh: 4 hours ago
Search
Name
Tag
Image ID
Created
Size
Actions
ubuntu
latest
80dd3c3b9c6c
2 months ago
117.32 MB
nginx
latest
0a399eb16751
2 months ago
278.25 MB
Showing 2 items
Walkthroughs
FROM node
RUN mkdir -p
WORKDIR /app
COPY packa
How do I run a container?
6 mins
docker
hub-image
Run Docker Hub images
5 mins
View more in the Learning center
RAM 1.09 GB CPU 1.25% Disk: 1.50 GB used (limit 1006.85 GB)
v4.37.1
Búsqueda