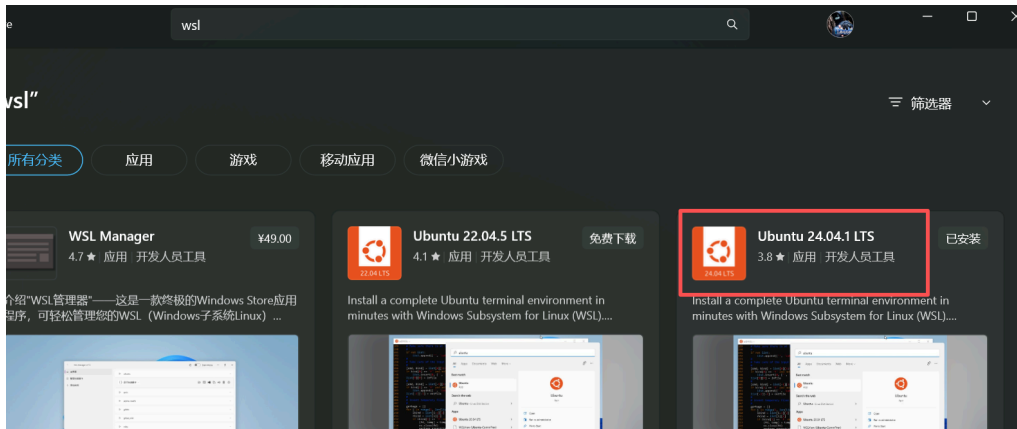
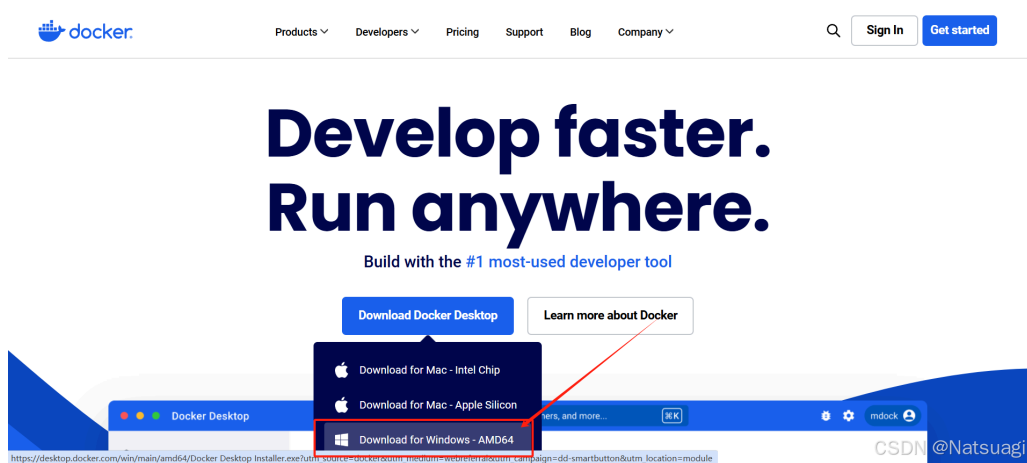


# Instalando Docker en Windows

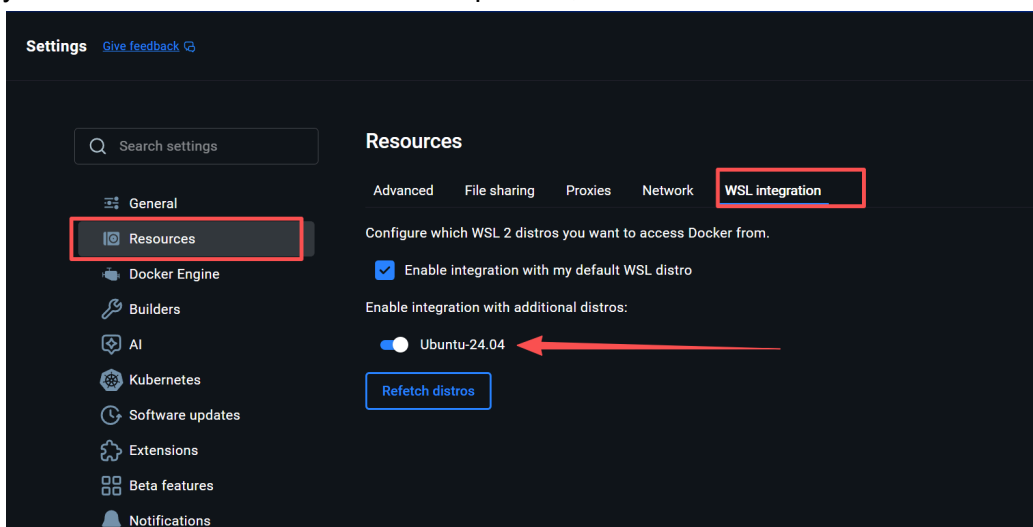
Busca WSL en Microsoft Store y descarga Ubuntu 24.04.1 LTS.



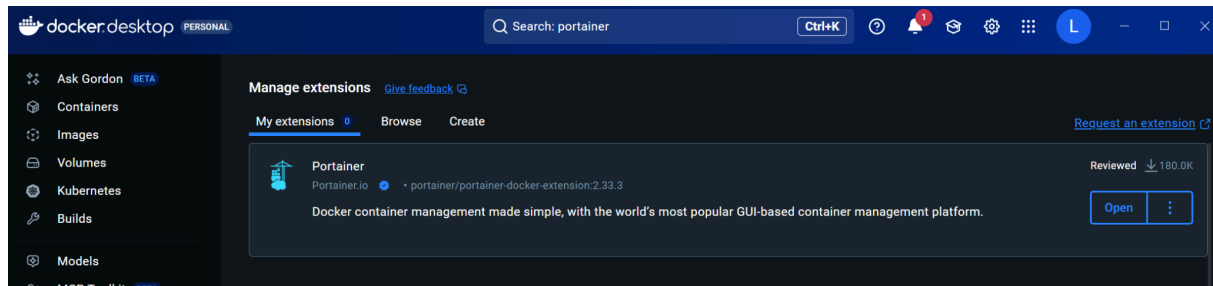
Descarga la versión para Windows - AMD64 : <https://www.docker.com/>



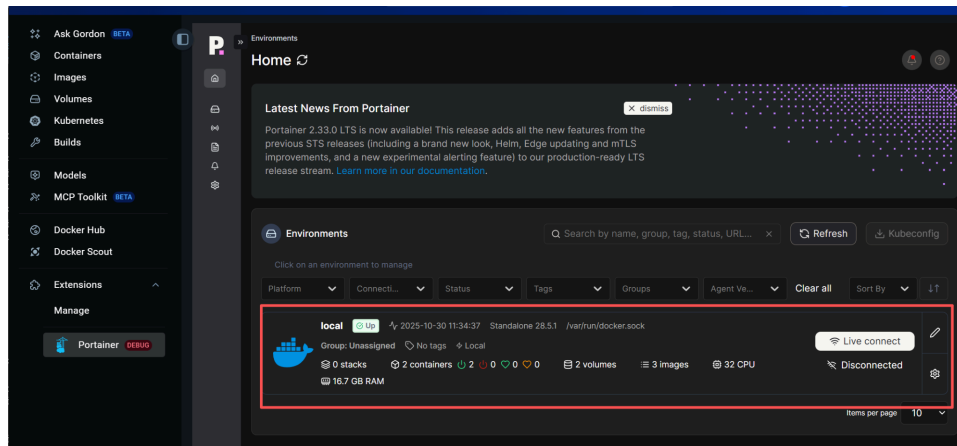
Después de la descarga, vaya a Configuración “Resources” → “WSL integration” y active Ubuntu-24.04. Una vez completado, reinicie su ordenador.



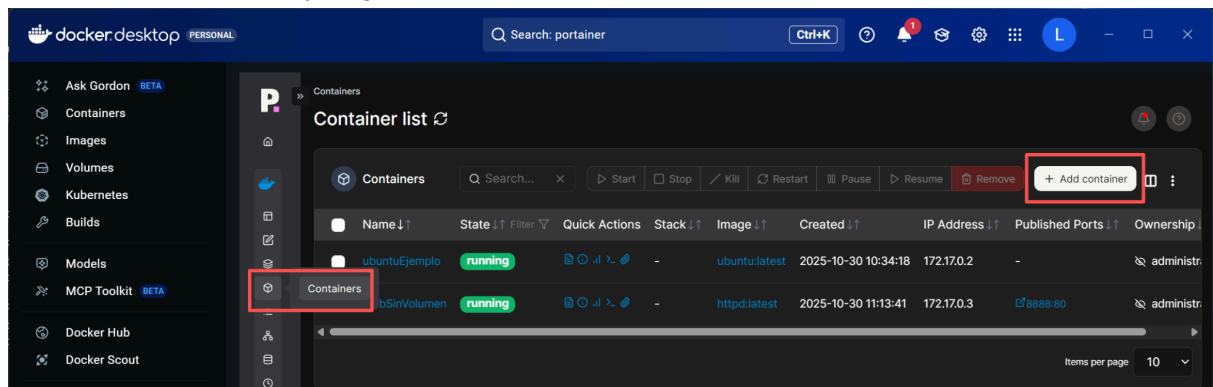
## Busca y descarga “Portainer”



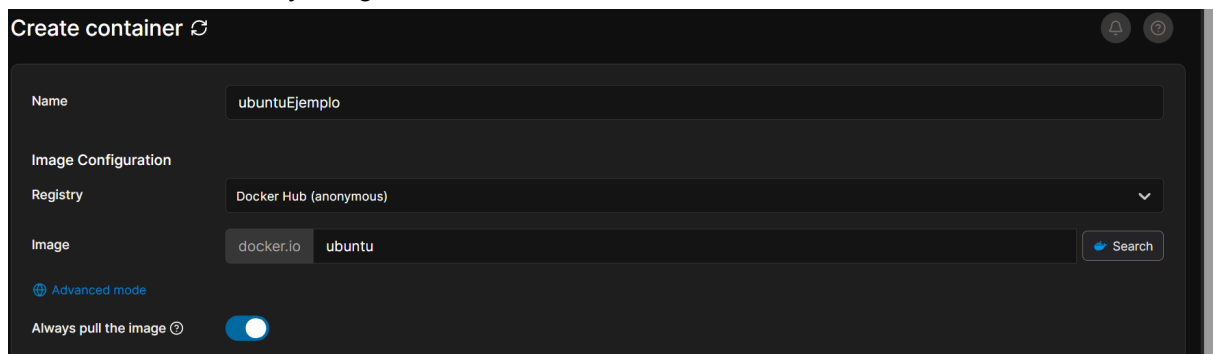
## Haga clic para entrar local



## Seleccione “container” y haga clic en “add container”

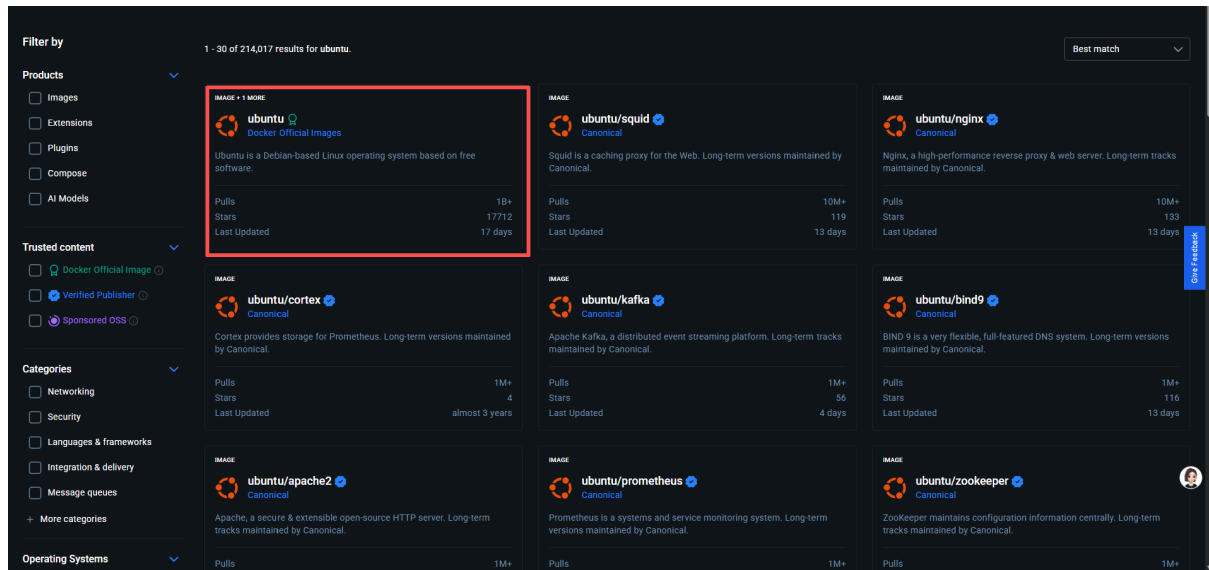


## Introduzca el nombre y image

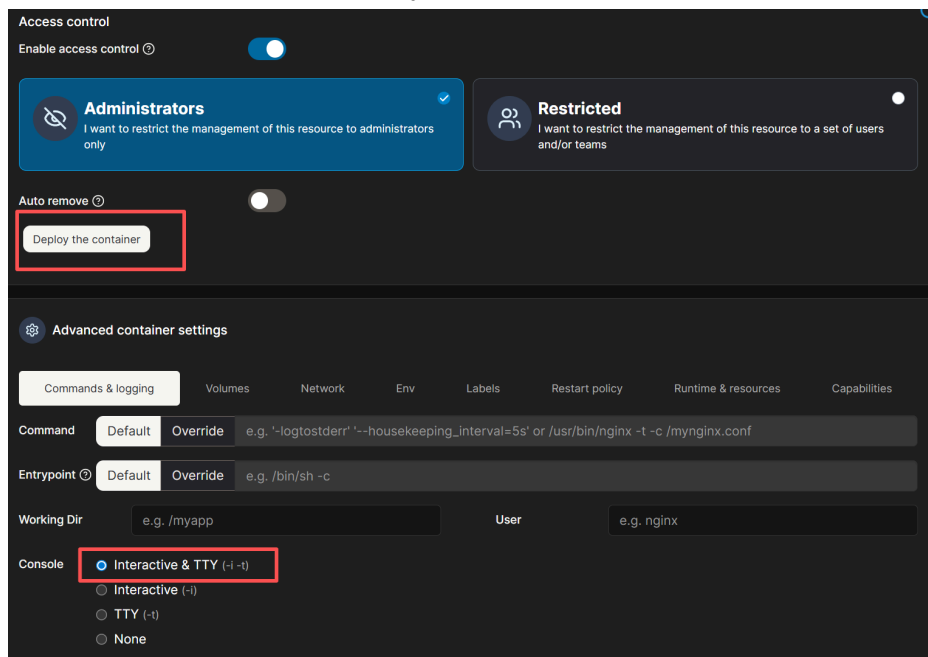


<https://hub.docker.com>, donde puedes buscar imágenes de contenedores

Escribe Ubuntu en la barra de búsqueda; aquí seleccionamos la que lleva el logotipo oficial.



Vuelve a Docker Desktop, selecciona “Interactive & TTY” en la parte inferior y, a continuación, haz clic en “Deploy the container”



Una vez completado, acceda al contenedor dentro de Ubuntu 24.04.1 LTS.

- `sudo docker exec -it ubuntuEjemplo bash`

Introduzca

- `apt update && apt upgrade`

```
ub@localhost:~$ sudo docker exec -it ubuntuEjemplo bash
[sudo] password for ub:
root@9beac4bdfdc6:/# apt update && apt upgrade|
```

Instalar tree

- apt install tree
- tree

```
root@9beac4bdfdc6:/# apt install tree
```

```
-- motd-news.timer
-- local
-- lock -> /run/lock
-- log
|-- alternatives.log
|-- apt
|   |-- eipp.log.xz
|   |-- history.log
|   |-- term.log
|   |-- bootstrap.log
|   |-- btmp
```

Introduzca exit para salir del contenedor.

```
root@9beac4bdfdc6:/# exit
exit
ub@localhost:~$ |
```

Crear un contenedor WebSinVolumen

Name: WebSinVolumen

Image Configuration

Registry: Docker Hub (anonymous)

Image: docker.io httpd:latest [Search](#)

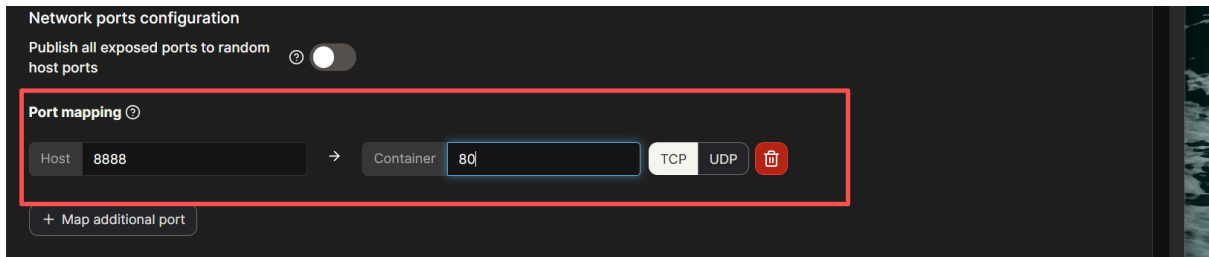
[Advanced mode](#)

Always pull the image [?](#)

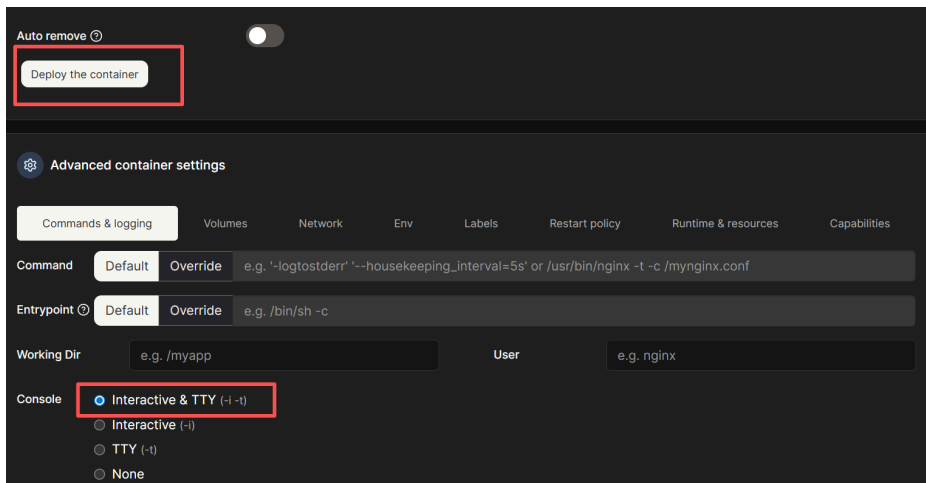
Filter by 1 - 30 of 84,863 results for http.

<p>Products</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Images</li><li><input type="checkbox"/> Extensions</li><li><input type="checkbox"/> Plugins</li><li><input type="checkbox"/> Compose</li><li><input type="checkbox"/> AI Models</li></ul>	<p>IMAGE mainflux/http</p> <p>mainflux</p> <p>HTTP adapter service for Mainflux IoT platform.</p> <p>Pulls 100K+</p> <p>Stars 3</p> <p>Last Updated about 2 years</p>	<p>IMAGE storyscript/http</p> <p>storyscript</p> <p>Pulls 500K+</p> <p>Stars 0</p> <p>Last Updated over 5 years</p>	<p>IMAGE rsamban/http</p> <p>rsamban</p> <p>Pulls</p> <p>Stars</p> <p>Last Updated</p>
<p>Trusted content</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Docker Official Image</li><li><input type="checkbox"/> Verified Publisher</li><li><input type="checkbox"/> Sponsored OSS</li></ul>	<p>IMAGE 1 MORE</p> <p>httpd</p> <p>Docker Official Images</p> <p>The Apache HTTP Server Project</p>	<p>IMAGE nvlabs/http</p> <p>nvlabs</p> <p>Pulls 50K+</p> <p>Stars 0</p>	<p>IMAGE agoehring/http</p> <p>agoehring</p> <p>Pulls</p> <p>Stars</p>
<p>Categories</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Networking</li></ul>	<p>Pulls 18+</p> <p>Stars 4906</p>		

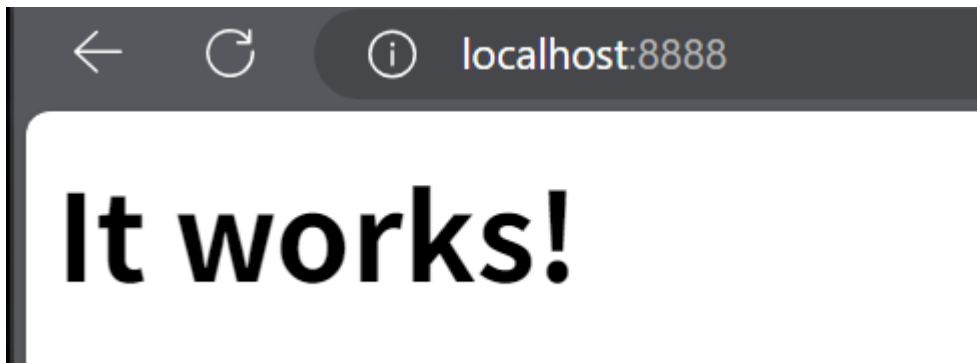
## Añadir puerto



Seleccione “Interactive & TTY”, y haga clic en “Deploy the container”



Visita localhost:8888



Acceda al contenedor dentro de WSL

- `sudo docker exec -it WebSinVolumen bash`

```
ub@localhost:~$ sudo docker exec -it WebSinVolumen bash
root@2d6a321262fb:/usr/local/apache2# ls
bin  build  cgi-bin  conf  error  htdocs  icons  include  logs  modules
```

Primero Introduzca `apt update` && `apt upgrade` y luego instala nano

- `apt update` && `apt upgrade`
- `apt install nano`

```
root@2d6a321262fb:/usr/local/apache2/htdocs# apt update && apt upgrade
```

```
bash: nano: Command not found
root@2d6a321262fb:/usr/local/apache2/htdocs# apt install nano
Installing:
  nano
```

Entra el directorio /usr/local/apache2/htdocs

- `cd /usr/local/apache2/htdocs`

```
root@2d6a321262fb:~# cd /usr/local/apache2/htdocs
```

Editar el archivo index.html

- `nano index.html`

```
GNU nano 8.4 index.html *
<html><body><h1>Hola buenas,12138!</h1></body></html>
```

Vuelve a visitar localhost:8888

