

*Creado por:*

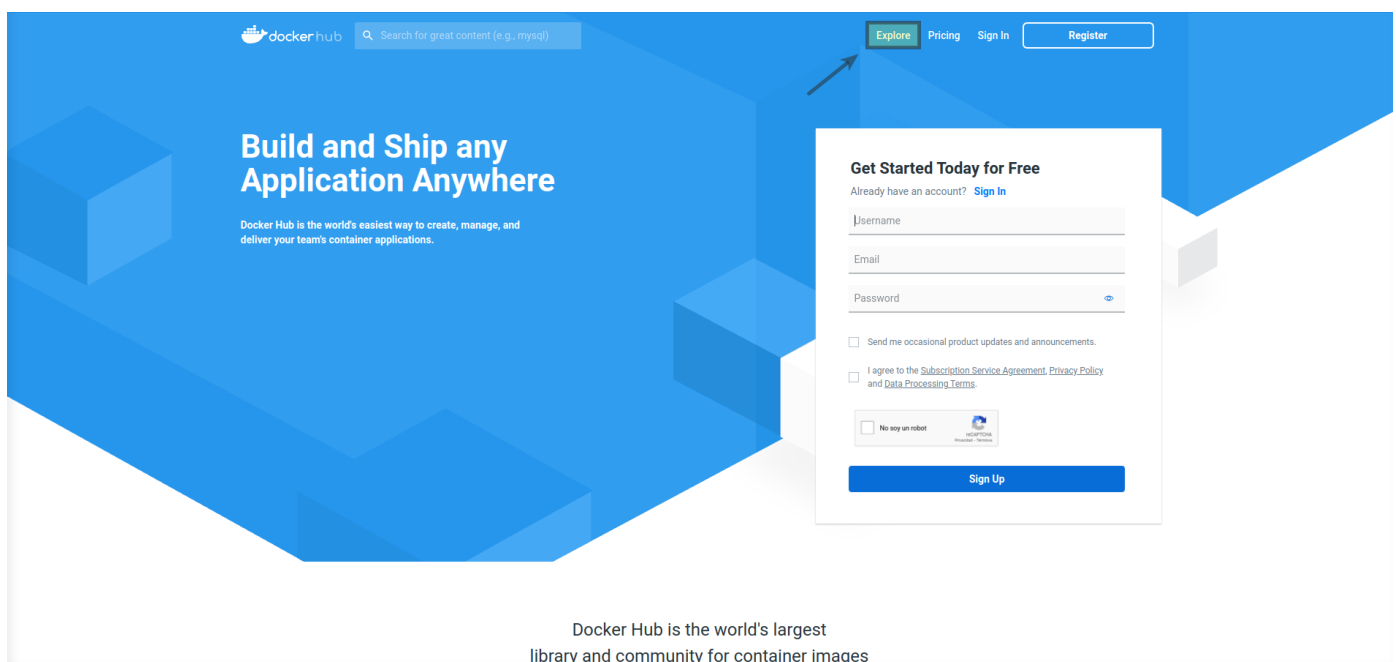
*Isabel Maniega*

## Docker HUB: Repositorio de imágenes

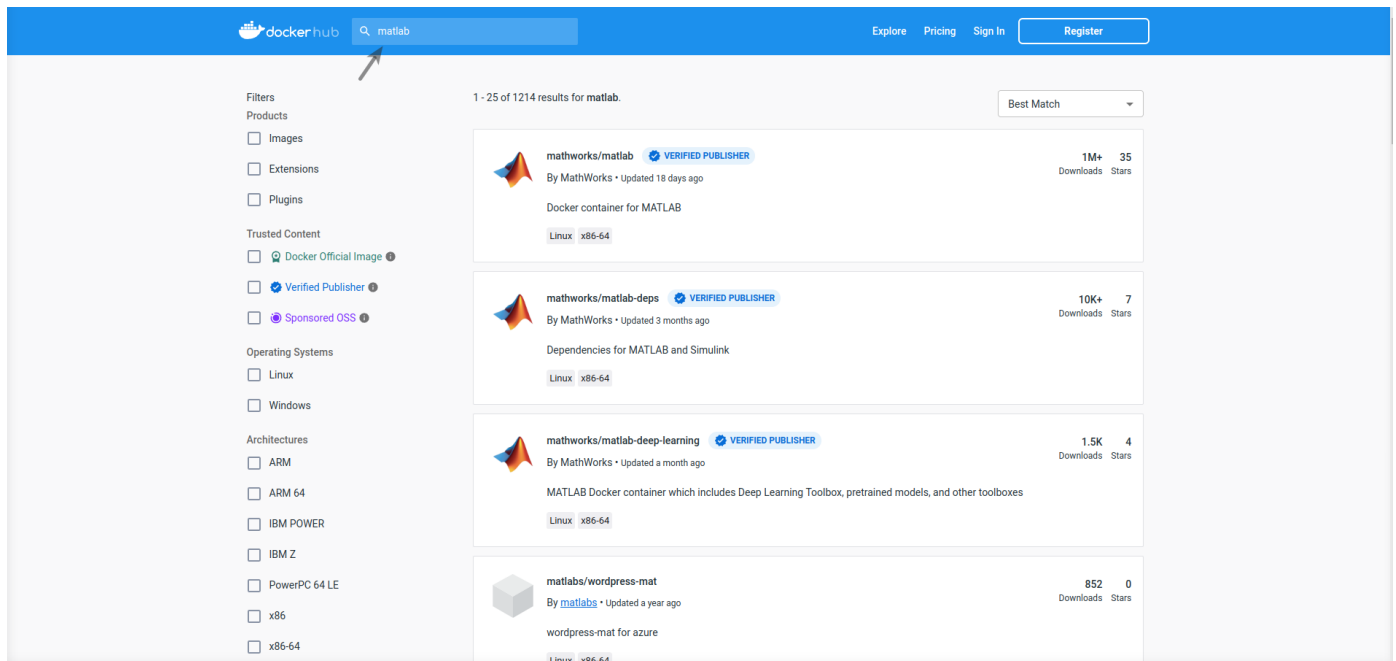
En el caso de dockers también nos podemos encontrar repositorios de imágenes, de proyectos ya realizados, los podemos encontrar en:

<https://hub.docker.com/> (<https://hub.docker.com/>).

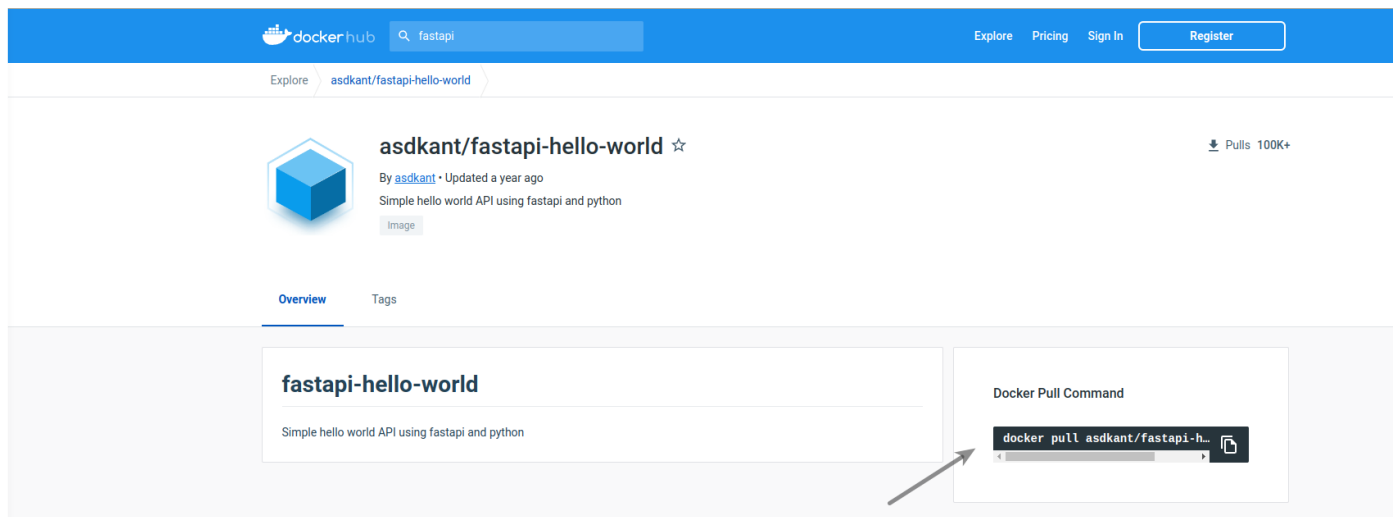
Entrar en la parte de explorar:



Buscaremos en la lupa la imagen que queremos usar:



Realizamos el docker pull < nombre de la imagen > para descargar la imagen a nuestro pc:



- `docker pull asdkant/fastapi-hello-world`

```

Isabel@isabel-SVE1512E1EW:~/FEI_projects/DM_Center_2$ docker pull asdkant/fastapi-hello-world
Using default tag: latest
latest: Pulling from asdkant/fastapi-hello-world
5c33745f49b4: Pull complete
ef072fc32a84: Pull complete
c0afb8e68e0b: Pull complete
d599c07d28e6: Pull complete
f2ecc74db11a: Pull complete
26856d31ce86: Pull complete
d4db05d8da44: Pull complete
a63ae5575b2c: Pull complete
a8c72204fafe: Pull complete
588d4fc87a50: Pull complete
0d7a4a6073cb: Pull complete
3a7e0859d882: Pull complete
544da687b92a: Pull complete
f6e61dbee877: Pull complete
3e19947ae254: Pull complete
4a4150ad76a8: Pull complete
831fe1ea8d9a: Pull complete
edff73282333: Pull complete
fbaea51f79ac: Pull complete
Digest: sha256:a23d8bf7c885a566109f56e58e53dff3952b4fd0b52227201f8912334716e312
Status: Downloaded newer image for asdkant/fastapi-hello-world:latest
docker.io/asdkant/fastapi-hello-world:latest

```

Después seguiremos los pasos que nos indique el manual o los comandos de docker run:

- `docker run -d --name fastapi -p 80:80 asdkant/fastapi-hello-world`

```

Isabel@isabel-SVE1512E1EW:~/FEI_projects/DM_Center_2$ docker run --name fastapi -p 80:80 asdkant/fastapi-hello-world
Checking for script in /app/prestart.sh
Running script /app/prestart.sh
Running inside /app/prestart.sh, you could add migrations to this file, e.g.:

# /usr/bin/env bash

# Let the DB start
sleep 10;

# Run migrations
alembic upgrade head

2022-10-10 11:11:40 +0000 [1] [INFO] Starting gunicorn 20.0.4
2022-10-10 11:11:40 +0000 [1] [INFO] Listening at: http://0.0.0.0:80 (1)
2022-10-10 11:11:40 +0000 [1] [INFO] Using worker: uvicorn.workers.UvicornWorker
2022-10-10 11:11:40 +0000 [9] [INFO] Booting worker with pid: 9
2022-10-10 11:11:40 +0000 [10] [INFO] Booting worker with pid: 10
2022-10-10 11:11:40 +0000 [11] [INFO] Booting worker with pid: 11
2022-10-10 11:11:40 +0000 [12] [INFO] Booting worker with pid: 12
2022-10-10 11:11:40 +0000 [10] [INFO] Started server process [10]
2022-10-10 11:11:40 +0000 [10] [INFO] Waiting for application startup.
2022-10-10 11:11:40 +0000 [10] [INFO] Application startup complete.
2022-10-10 11:11:40 +0000 [9] [INFO] Started server process [9]
2022-10-10 11:11:40 +0000 [9] [INFO] Waiting for application startup.
2022-10-10 11:11:40 +0000 [9] [INFO] Application startup complete.
2022-10-10 11:11:40 +0000 [11] [INFO] Started server process [11]
2022-10-10 11:11:40 +0000 [11] [INFO] Waiting for application startup.
2022-10-10 11:11:40 +0000 [11] [INFO] Application startup complete.
2022-10-10 11:11:40 +0000 [12] [INFO] Started server process [12]
2022-10-10 11:11:40 +0000 [12] [INFO] Waiting for application startup.
2022-10-10 11:11:40 +0000 [12] [INFO] Application startup complete.
{"loglevel": "info", "workers": 4, "bind": "0.0.0.0:80", "graceful_timeout": 120, "timeout": 120, "keepalive": 5, "errorlog": "-", "accesslog": "-", "workers_per_core": 1.0, "use_max_workers": null, "host": "0.0.0.0", "port": "80"}
172.17.0.1:55916 - "GET /docs HTTP/1.1" 200
172.17.0.1:55916 - "GET /openapi.json HTTP/1.1" 200
{"loglevel": "info", "workers": 4, "bind": "0.0.0.0:80", "graceful_timeout": 120, "timeout": 120, "keepalive": 5, "errorlog": "-", "accesslog": "-", "workers_per_core": 1.0, "use_max_workers": null, "host": "0.0.0.0", "port": "80"}
172.17.0.1:55918 - "GET / HTTP/1.1" 200
172.17.0.1:55918 - "GET / HTTP/1.1" 200

```

- `docker run -->` ejecutar
- `-d -->` segundo plano
- `--name -->` nombre del proceso
- `-p -->` puerto de ejecución Externa: Interna (80:80)
- Imagen

Creado por:

Isabel Maniega

