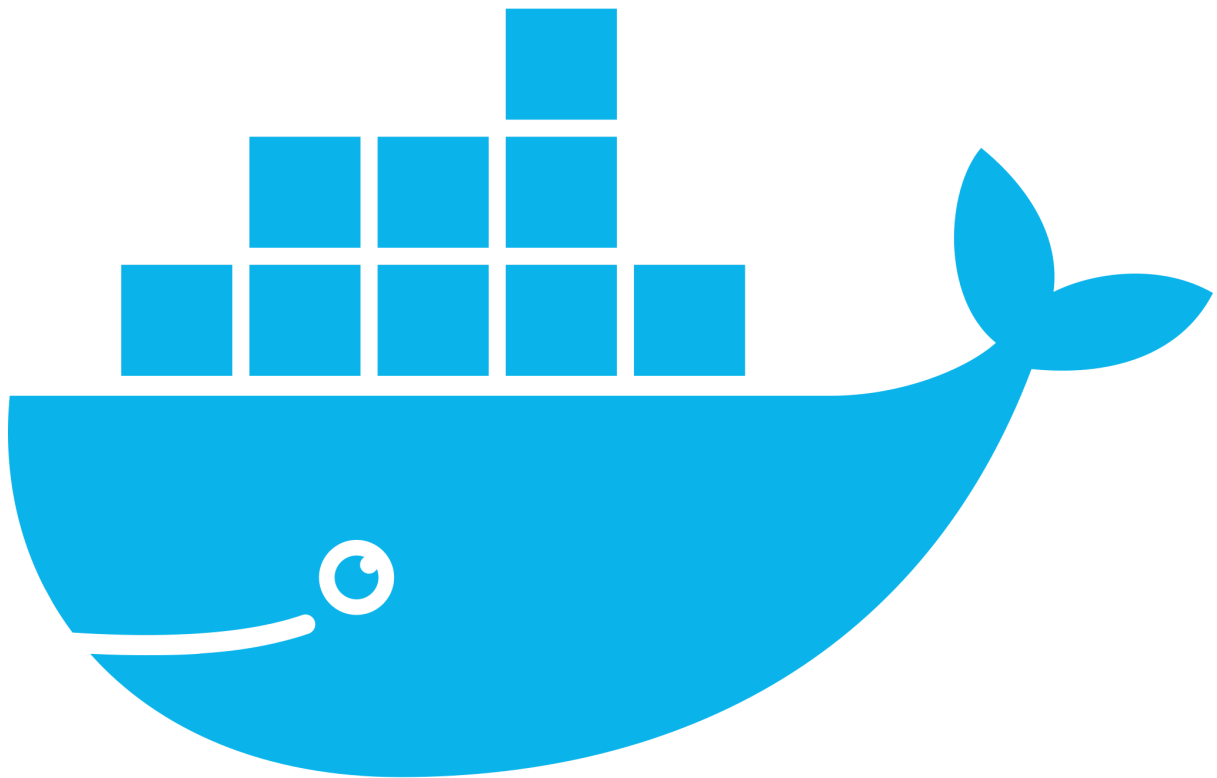


Docker-compose

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1. Nos vamos a la ruta de la carpeta.

```
C:\Users\javie\Documents\DAW\2DAW\Despliegue\03-docker-compose>
```

2. Crear la red Docker (una sola vez).

```
MINGW64:/c/Users/javie/Documents/DAW/2DAW/Despliegue/03-docker-com...
javie@Manzano MINGW64 ~
$ cd Documents/DAW/2DAW/Despliegue/03-docker-compose/

javie@Manzano MINGW64 ~/Documents/DAW/2DAW/Despliegue/03-docker-compose (main)
$ docker network create adaitsnetwork
```

```
javie@Manzano MINGW64 ~/Documents/DAW/2DAW/Despliegue/03-docker-compose (main)
$ docker network create adaitsnetwork
48d4128c7e4d6ad0ffeebdf6035facbe5619f763b5ccd237303e382b0444878f
```

```
C:\Users\javie\Documents\DAW\2DAW\Despliegue\03-docker-compose>docker network ls
```

NETWORK ID	NAME	DRIVER	SCOPE
ba4b3f7beb3d	02-depliegue-docker_wp_net	bridge	local
4ba81e864dae	11-unit-test_default	bridge	local
48d4128c7e4d	adaitsnetwork	bridge	local
f0acfffe3610	bridge	bridge	local
6c8812f07c89	host	host	local
c4a352eca144	network-redis	bridge	local
6bd56b8ed898	none	null	local
8d7083efe2f8	wordpress_network	bridge	local
d46e867aa46d	wp_net	bridge	local

```
C:\Users\javie\Documents\DAW\2DAW\Despliegue\03-docker-compose>dir nginx
El volumen de la unidad C no tiene etiqueta.
El número de serie del volumen es: 801D-0C04

Directorio de C:\Users\javie\Documents\DAW\2DAW\Despliegue\03-docker-compose\nginx

09/11/2025  21:05    <DIR>          .
09/11/2025  21:06    <DIR>          ..
09/11/2025  21:05                117 Dockerfile
09/11/2025  21:05                991 web.html
                2 archivos             1.108 bytes
                2 dirs  183.222.161.408 bytes libres
```

3. Construir la imagen de la API.

[illegible]

4. Preparar la API REST

Verificamos que [server.js](#) y Dockerfile están en la carpeta api

```
C:\Users\javie\Documents\DAW\2DAW\Despliegue\03-docker-compose>dir api
El volumen de la unidad C no tiene etiqueta.
El número de serie del volumen es: 801D-0C04

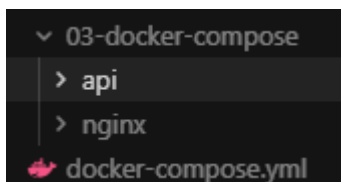
Directorio de C:\Users\javie\Documents\DAW\2DAW\Despliegue\03-docker-compose\api

09/11/2025  21:06    <DIR>          .
09/11/2025  21:06    <DIR>          ..
09/11/2025  20:50             147 Dockerfile
09/11/2025  20:56             308 server.js
                2 archivos             455 bytes
                2 dirs  182.977.261.568 bytes libres
```

Construir la imágen api-rest-daw

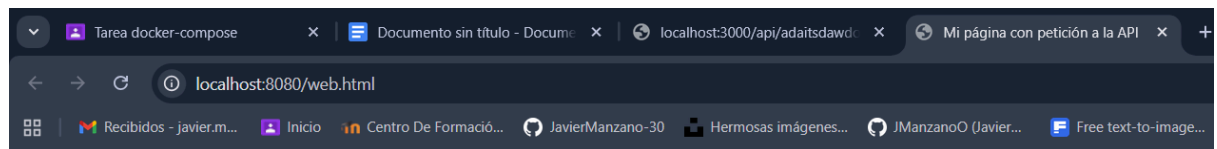
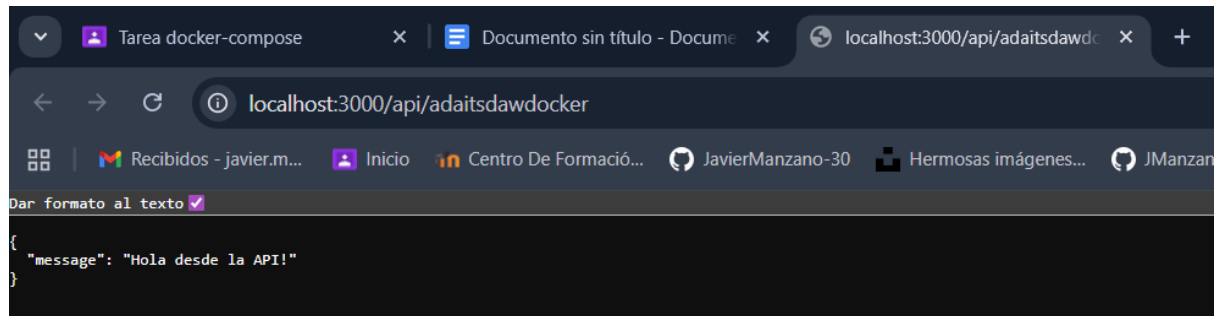
```
C:\Users\javie\Documents\DAW\2DAW\Despliegue\03-docker-compose>docker build -t api-rest-daw ./api
[+] Building 2.0s (5/9)                                                                                               docker:desktop-linux
=> [internal] load build definition from Dockerfile                                                                0.0s
=> => transferring dockerfile: 186B                                                                                0.0s
=> [internal] load metadata for docker.io/library/node:18-alpine                                                 1.8s
=> [auth] library/node:pull token for registry-1.docker.io                                                         0.0s
=> [internal] load .dockerignore                                                                                   0.0s
=> => transferring context: 2B                                                                                     0.0s
=> [1/4] FROM docker.io/library/node:18-alpine@sha256:8d6421d663b4c28fd3ebc498332f249011d118945588d0a35cb9bc4b8c 0.1s
=> => resolve docker.io/library/node:18-alpine@sha256:8d6421d663b4c28fd3ebc498332f249011d118945588d0a35cb9bc4b8c 0.0s
=> => cba256e8d6421d663b4c28fd3ebc498332f249011d118945588d0a35cb9bc4b8c 0.0s
```

5. Archivo docker-compose.yml



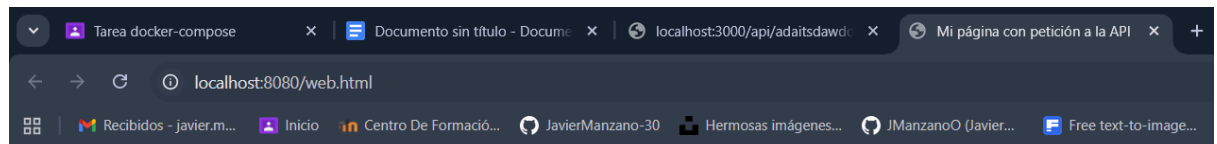
6. Despliegue con Docker Compose.

```
C:\Users\javie\Documents\DAW\2DAW\Despliegue\03-docker-compose>docker-compose up --build
[+] Building 1.8s (22/22) FINISHED
=> [internal] load local bake definitions
=> [internal] load metadata for docker.io/library/nginx:alpine
=> [internal] resolve provenance for metadata file
=> [api] resolving provenance for metadata file
time="2025-11-09T21:24:45+01:00" level=warning msg="a network with name adaitsnetwork exists but was not created by comp
ose.\nSet 'external: true' to use an existing network"
[+] Running 2/2
  ✓ api-rest-daw Built 0.0s
  ✓ nginx-daw Built 0.0s
network adaitsnetwork was found but has incorrect label com.docker.compose.network set to "" (expected: "adaitsnetwork")
```



Mi Página con Petición a la API

Realizar Petición a la API



Mi Página con Petición a la API

Realizar Petición a la API

Respuesta de la API: Hola desde la API!