

# Despliegue de WordPress con Docker

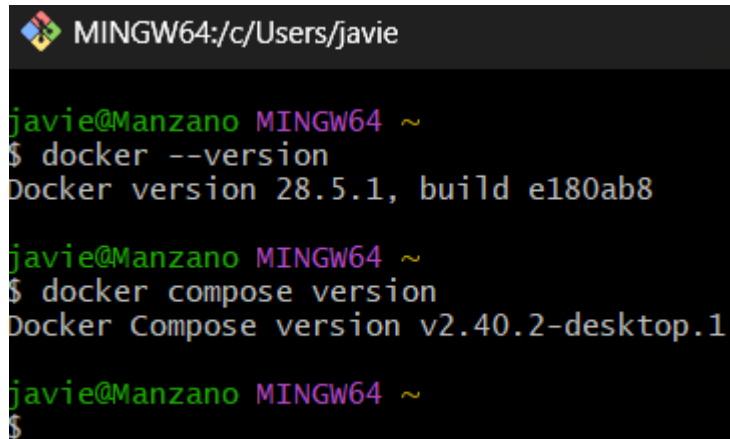
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## Paso 1: Preparación.

Tener docker y docker compose instalados:



```
MINGW64:/c/Users/javie

javie@Manzano MINGW64 ~
$ docker --version
Docker version 28.5.1, build e180ab8

javie@Manzano MINGW64 ~
$ docker compose version
Docker Compose version v2.40.2-desktop.1

javie@Manzano MINGW64 ~
$
```

Paso 2: Creamos documento docker-compose.yml con el siguiente contenido:

```
version: "3.8"

services:
  db:
    image: mariadb:latest
    container_name: wordpress_db
    restart: unless-stopped
    environment:
      MARIADB_ROOT_PASSWORD: ejemplo_root_pass # anota que no usar en
producción
      MARIADB_DATABASE: wordpress
      MARIADB_USER: wp_user
      MARIADB_PASSWORD: wp_password
    volumes:
      - db_data:/var/lib/mysql
    networks:
      - wp_net

  wordpress:
    image: wordpress:latest
    container_name: wordpress_app
    depends_on:
      - db
    restart: unless-stopped
    ports:
```

```

- "8080:80" # acceder por http://localhost:8080
environment:
  WORDPRESS_DB_HOST: db:3306
  WORDPRESS_DB_USER: wp_user
  WORDPRESS_DB_PASSWORD: wp_password
  WORDPRESS_DB_NAME: wordpress
volumes:
  - wp_data:/var/www/html
networks:
  - wp_net

volumes:
  db_data:
  wp_data:

networks:
  wp_net:
    driver: bridge

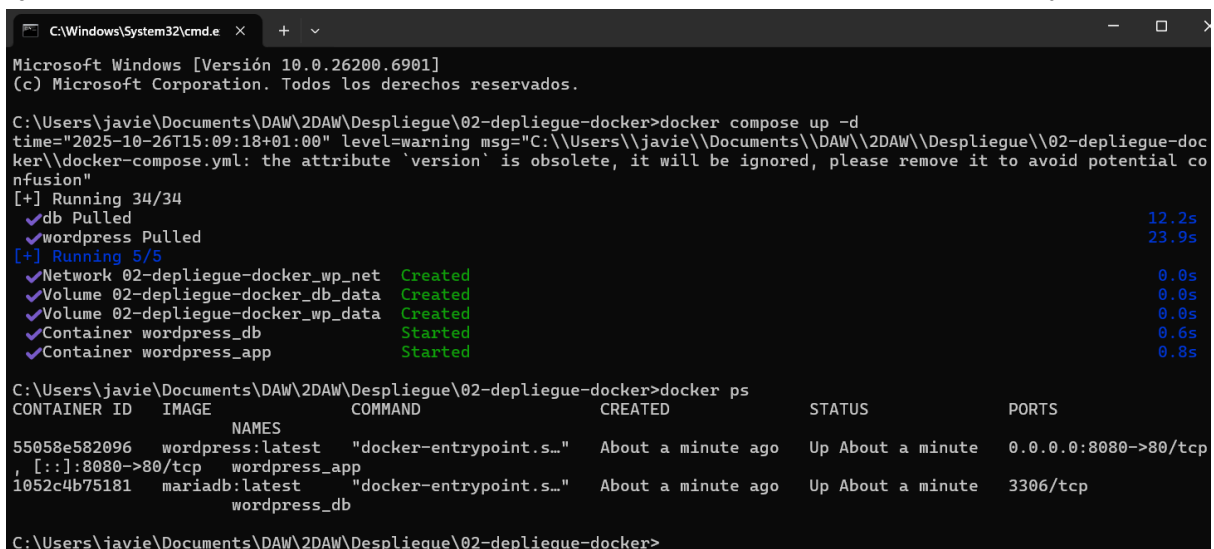
```

Qué hace este compose:

- Crea una red personalizada **wp\_net** (aislada) para que los contenedores se comuniquen por nombre de servicio (**db**).
  - Separa persistencia usando volúmenes (**db\_data**, **wp\_data**).
- Expone WordPress en el puerto **8080** de tu máquina (ajusta si ya usas 8080).

### Paso 3: Iniciar el despliegue.

Ejecutamos docker compose up -d en la carpeta donde está el docker-compose.yml.



```

C:\Windows\System32\cmd.e  X  +  v
Microsoft Windows [Versión 10.0.26200.6901]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\javie\Documents\DAW\2DAW\Despliegue\02-depliegue-docker>docker compose up -d
time="2025-10-26T15:09:18+01:00" level=warning msg="C:\\Users\\javie\\Documents\\DAW\\2DAW\\Despliegue\\02-depliegue-docker\\docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion"
[+] Running 34/34
  ✓db Pulled                                12.2s
  ✓wordpress Pulled                        23.9s
[+] Running 5/5
  ✓Network 02-depliegue-docker_wp_net      Created      0.0s
  ✓Volume 02-depliegue-docker_db_data      Created      0.0s
  ✓Volume 02-depliegue-docker_wp_data      Created      0.0s
  ✓Container wordpress_db                  Started       0.6s
  ✓Container wordpress_app                 Started       0.8s

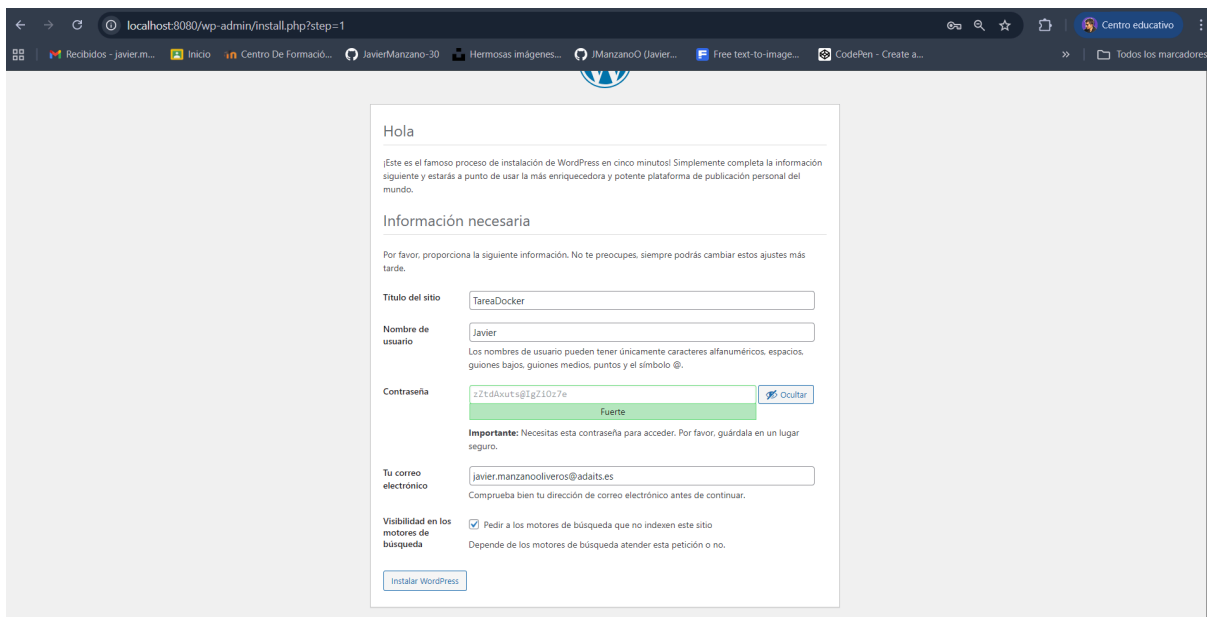
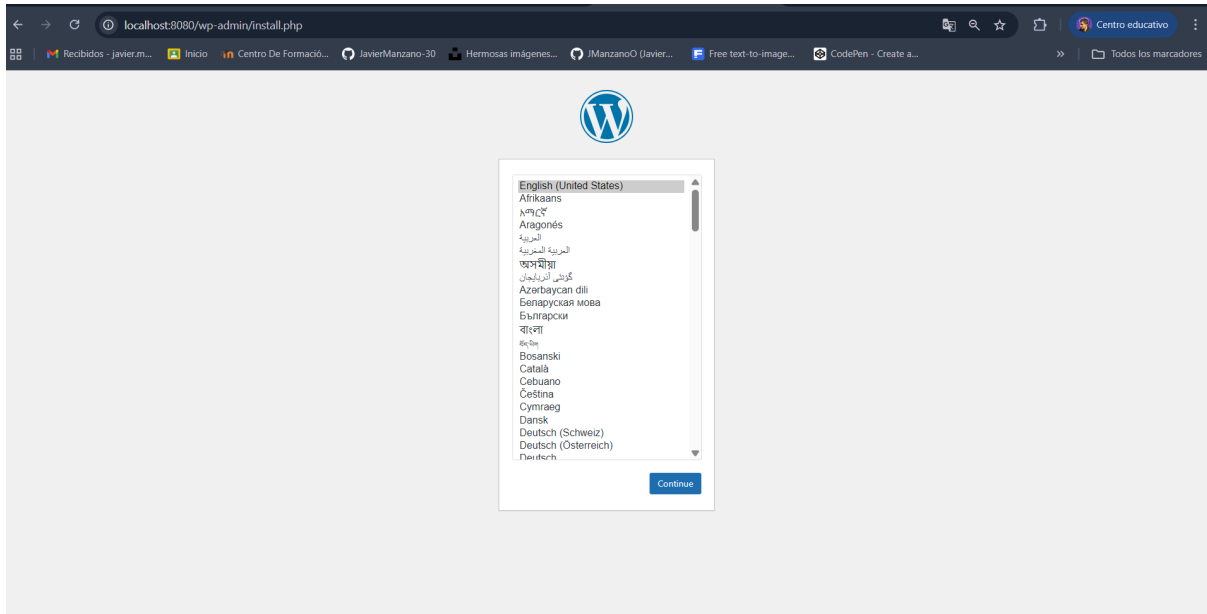
C:\Users\javie\Documents\DAW\2DAW\Despliegue\02-depliegue-docker>docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
NAMES
55058e582096   wordpress:latest  "docker-entrypoint.s..." About a minute ago  Up About a minute  0.0.0.0:8080->80/tcp
, [::]:8080->80/tcp  wordpress_app
1052c4b75181   mariadb:latest  "docker-entrypoint.s..." About a minute ago  Up About a minute  3306/tcp
wordpress_db

C:\Users\javie\Documents\DAW\2DAW\Despliegue\02-depliegue-docker>

```

## Paso 4: Acceso a WordPress y completar instalación

Abre el navegador y ve a: <http://localhost:8080/wp-admin>



zZtdAxuts@IgZi0z7e



¡Lo lograste!

WordPress ya está instalado. ¡Gracias, y que lo disfrutes!

**Nombre de usuario** Javier

**Contraseña** *La contraseña que has elegido.*

[Acceder](#)

## Paso 5: Creamos red y lanzamos MariaDB y WordPress

Creamos la red con: `docker network create wp_net`

```
C:\Users\javie\Documents\DAW\2DAW\Despliegue\02-depliegue-docker>docker network create wp_net
d46e867aa46d1532ceaa8b6203e979a71e0403aa858f8e4c7cad50b6c8021fa0
```

Lanzamos MariaDB con:

```
docker run -d \
  --name wordpress_db \
  --network wp_net \
  -e MARIADB_ROOT_PASSWORD=ejemplo_root_pass \
  -e MARIADB_DATABASE=wordpress \
  -e MARIADB_USER=wp_user \
  -e MARIADB_PASSWORD=wp_password \
  -v db_data:/var/lib/mysql \
  mariadb:latest
```

```

C:\Users\javie\Documents\DAW\2DAW\Despliegue\02-depliegue-docker>docker exec -it wordpress_db mariadb -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 24
Server version: 12.0.2-MariaDB-ubu2404 mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| wordpress |
+-----+
5 rows in set (0.009 sec)

MariaDB [(none)]> USE wordpress;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MariaDB [wordpress]> SHOW TABLES;
+-----+
| Tables_in_wordpress |
+-----+
| wp_commentmeta |
| wp_comments |
| wp_links |
| wp_options |
| wp_postmeta |
| wp_posts |
| wp_term_relationships |
| wp_term_taxonomy |
| wp_termmeta |
+-----+

```