

```

jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32/lab-contenedores/imagen-personalizada
Windows PowerShell
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Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

PS C:\WINDOWS\system32> wsl --install
Descargando: Ubuntu
Instalando: Ubuntu
Distribución instalada correctamente. Se puede iniciar a través de "wsl.exe -d Ubuntu"
Iniciando Ubuntu...
Provisioning the new WSL instance Ubuntu
This might take a while...
Create a default Unix user account: jguzm
New password:
Retype new password:
passwd: password updated successfully
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ wsl -l -v
wsl: command not found
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ wsl --install -d Ubuntu
wsl: command not found
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ ^C
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ ^C
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo apt update
[sudo] password for jguzm:
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Get:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [21.6 kB]
Get:5 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [878 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:7 http://archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:8 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [194 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.3 kB]
Get:10 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [17.0 kB]
Get:11 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:12 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [18.5 kB]
Get:13 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-en [4288 B]
Get:14 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:15 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [380 B]

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jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32/lab-contenedores/imagen-personalizada
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo apt upgrade -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo apt install ca-certificates curl gnupg lsb-release -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20240203).
ca-certificates set to manually installed.
curl is already the newest version (8.5.0-2ubuntu10.6).
curl set to manually installed.
gnupg is already the newest version (2.4.4-2ubuntu17.3).
gnupg set to manually installed.
lsb-release is already the newest version (12.0-2).
lsb-release set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo mkdir -p /etc/apt/keyrings
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo mkdir -p /etc/apt/keyrings
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | \
>
> ^C
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo mkdir -p /etc/apt/keyrings
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | \
sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
File '/etc/apt/keyrings/docker.gpg' exists. Overwrite? (y/N) y
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ echo \
"deb [arch=$(dpkg --print-architecture) \
signed-by=/etc/apt/keyrings/docker.gpg] \
https://download.docker.com/linux/ubuntu \
$(lsb_release -cs) stable" | \
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo apt update
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo apt install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin -y
Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Get:3 https://download.docker.com/linux/ubuntu noble InRelease [48.8 kB]

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jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32/lab-contenedores/imagen-personalizada
update-alternatives: using /usr/sbin/iptables-nft to provide /usr/sbin/iptables (iptables) in auto mode
update-alternatives: using /usr/sbin/iptables-nft to provide /usr/sbin/ip6tables (ip6tables) in auto mode
update-alternatives: using /usr/sbin/arptables-nft to provide /usr/sbin/arptables (arptables) in auto mode
update-alternatives: using /usr/sbin/ebtables-nft to provide /usr/sbin/ebtables (ebtables) in auto mode
Setting up docker-ce (5:28.3-3~ubuntu.24.04~noble) ...
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /usr/lib/systemd/system/docker.socket.
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for libc-bin (2.39-0ubuntu8.5) ...
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo docker --version
Docker version 28.3.3, build 9808856
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo docker network create misitio-net
16a2ab7904e13040e99a8fa9546493cb4bbf045b742845771ac2f90d03dd5
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo docker run -d --name misitiodb \
--network misitio-net \
-e MYSQL_ROOT_PASSWORD=tiffer.123 \
-e MYSQL_USER=tiffer \
-e MYSQL_PASSWORD=tiffer.123 \
-e MYSQL_DATABASE=misitiodb \
-v websitedbvolume:/var/lib/mysql \
mariadb:latest
Unable to find image 'mariadb:latest' locally
latest: pulling from library/mariadb
32f112e3802c: Pull complete
c7e6d27635db: Pull complete
a94f562efa64: Pull complete
1f086983ae7b: Pull complete
4e73ae9c586d: Pull complete
18b7feae5b7: Pull complete
29f32ba513ad: Pull complete
b8b24ec77df: Pull complete
Digest: sha256:2bcbac92bd9d4f6591bc8103d3a8e6d0512ee2235506e47a2e129d190444405
Status: Downloaded newer image for mariadb:latest
bcdcd74148f97635c9e1d101a872ab4b0a2d999a92f18333f481c38353aa8
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ mkdir public_html
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ ^C
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ ^C
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ echo "<?php phpinfo(); ?>" > public_html/index.php
jguzm@PC-Tiffer:/mnt/c/WINDOWS/system32$ sudo docker run -d --name sitio \
--network misitio-net \
-v $(pwd)/public_html:/var/www/html \
-p 8080:80 \
php:apache

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jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores/imagen-personalizada
4f4fb70ef54: Pull complete
Digest: sha256:ea5c91b76a02d34bed79299733852f60309d2f0706b7f2a17c913388322945
Status: Downloaded newer image for sha256:ea5c91b76a02d34bed79299733852f60309d2f0706b7f2a17c913388322945
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores$ nano docker-compose.yml
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores$ mkdir lab-contenedores
cd lab-contenedores
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores$ mkdir public_html
echo "<?php phpinfo(); ?>" > public_html/index.php
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores$ nano docker-compose.yml
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores$ sudo docker compose up -d
WARN[0000] /mnt/c/WINDOWS/system32/lab-contenedores/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential co
nfusion
[+] Running 3/4
✔ Network lab-contenedores_misitio-net Created 0.0s
✔ Volume "lab-contenedores_websitedbvolume" Created 0.0s
✖ Container misitiodb Error... 0.0s
✖ Container sitio Creating 0.0s
Error response from daemon: Conflict. The container name "/misitiodb" is already in use by container "bccd74140f97635c9e91d91e8f28b4d0a02d999a63e710333fc481c38353aa8"
. You have to remove (or rename) that container to be able to reuse that name.
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores$ sudo docker rm -f misitiodb sitio
misitiodb
sitio
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores$ sudo docker compose up -d
WARN[0000] /mnt/c/WINDOWS/system32/lab-contenedores/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential co
nfusion
[+] Running 2/2
✔ Container misitiodb Started 0.2s
✔ Container sitio Started 0.3s
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores$ mkdir imagen-personalizada
cd imagen-personalizada
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores/imagen-personalizada$ nano Dockerfile
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores/imagen-personalizada$ sudo docker build -t miprimeraimagen:v1 .
[+] Building 83.0s (6/6) FINISHED docker:default
=> [internal] load build definition from Dockerfile
=> transferring dockerfile: 439B 0.0s
=> [internal] load metadata for docker.io/library/php:8.1-apache 1.3s
=> [internal] load .dockerignore 0.0s
=> transferring context: 2B 0.0s
=> [1/2] FROM docker.io/library/php:8.1-apache@sha256:362d7a55488ed098553b 9.0s
=> resolve docker.io/library/php:8.1-apache@sha256:362d7a55488ed098553b 0.0s
=> sha256:5c87849f283b8f82b1196839629d673478e06e4d7005e1fea 227B / 227B 0.2s
=> sha256:de58b6e1f9f045a776901743547f83c230cf5d8dd6d 11.56kB / 11.56kB 0.0s
=> sha256:7e04da8ac654752949332d8b3bef9a14a8b8ac9cbfbf0 3.83kB / 3.83kB 0.0s
=> sha256:deb128f1d0f606449993faead515a510889809f 104.33MB / 104.33MB 5.4s
=> sha256:95885880b3125d49ac7daf30eab2199bdea8acc9dee47c24b 223B / 223B 0.3s
=> sha256:362d7a55488ed098553b54386e464447f69a31310c6 10.40kB / 10.40kB 0.0s
=> extracting sha256:5c87849f283b8f82b1196839629d673478e06e4d7005e1fea 0.0s
=> sha256:ed064ae01f0e4b93f808d9b819faaf8a6ad9dc1c 20.12MB / 20.12MB 2.7s
=> sha256:281e65520a58c038f158ab9da5d95ae23e1bcefb815e0bd2d 430B / 430B 0.5s
=> sha256:f4b153f56164f07dd5f064df5ae7cae54aa014838e60fb5a9 484B / 484B 0.7s
=> sha256:bd9ae58952031367f90e8fbd37cd39d571d25826b44 12.03MB / 12.03MB 2.0s
=> sha256:521f401b5238ab5ecfcf48e710e3c073a65b95dadd6e5e858 490B / 490B 2.4s
=> sha256:9a407138810c6061745d5d61031a80b2263380941d 11.16kB / 11.16kB 3.5s
=> sha256:7b59b073741e205bbee1cea5fde594cb7279c834006e2 2.46kB / 2.46kB 2.9s
=> sha256:7e75c3f4f906e4b7b017a849169114749534dc19ecf0931 249B / 249B 3.1s
=> sha256:6255eed3b8a968d3de7ee8511162c6ade7482cef9ef4ca367 245B / 245B 3.3s
=> sha256:5593825c370194dd1cddc24a420cb3f4ecd9b521458b3d2 890B / 890B 3.5s
=> sha256:4f4fb70ef54461cfa02571ae0db9a0dc1e0c0b5577484a6d75 32B / 32B 3.7s
=> extracting sha256:deb128f1d0f606449993faead515a510889809f45406b279 1.9s
=> extracting sha256:95885880b3125d49ac7daf30eab2199bdea8acc9dee47c24b 0.0s
=> extracting sha256:ed2e94aee01f0e4b93f808d9b819faaf8a6ad9dc1c6549f6 0.4s
=> extracting sha256:281e65520a58c038f158ab9da5d95ae23e1bcefb815e0bd2d6 0.0s
=> extracting sha256:f4b153f56164f07dd5f064df5ae7cae54aa014838e60fb5a9a 0.0s
=> extracting sha256:bd9ae58952031367f90e8fbd37cd39d571d25826b44a381433 0.1s
=> extracting sha256:521f401b5238ab5ecfcf48e710e3c073a65b95dadd6e5e8582 0.0s
=> extracting sha256:9a407138810c6061745d5d61031a80b2263380941d9996af 0.4s
=> extracting sha256:7b59b073741e205bbee1cea5fde594cb7279c834006e226fa 0.0s
=> extracting sha256:7e75c3f4f906e4b7b017a849169114749534dc19ecf09311 0.0s
=> extracting sha256:6255eed3b8a968d3de7ee8511162c6ade7482cef9ef4ca367a 0.0s
=> extracting sha256:5593825c370194dd1cddc24a420cb3f4ecd9b521458b3d26 0.0s
=> extracting sha256:4f4fb70ef54461cfa02571ae0db9a0dc1e0c0b5577484a6d7 0.0s
[2/2] RUN apt-get update && apt-get install -y libfreetype6-de
=> exporting to image 0.5s
=> exporting layers 0.4s
=> writing image sha256:3dbb933efed4145fb16d9529a6426c7a380c8899d5223f5 0.0s
=> naming to docker.io/library/miprimeraimagen:v1 0.0s
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores/imagen-personalizada$ sudo docker run -d --name prueba-imagen \
-p 8082:80 \
miprimeraimagen:v1
db165e4971bb0885e44ecb2c2f9e0d1fa48429b61ab6eecdffa753c39e65a435
```

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jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores/imagen-personalizada
=> resolve docker.io/library/php:8.1-apache@sha256:362d7a55488ed098553b 0.0s
=> sha256:5c87849f283b8f82b1196839629d673478e06e4d7005e1fea 227B / 227B 0.2s
=> sha256:de58b6e1f9f045a776901743547f83c230cf5d8dd6d 11.56kB / 11.56kB 0.0s
=> sha256:7e04da8ac654752949332d8b3bef9a14a8b8ac9cbfbf0 3.83kB / 3.83kB 0.0s
=> sha256:deb128f1d0f606449993faead515a510889809f 104.33MB / 104.33MB 5.4s
=> sha256:95885880b3125d49ac7daf30eab2199bdea8acc9dee47c24b 223B / 223B 0.3s
=> sha256:362d7a55488ed098553b54386e464447f69a31310c6 10.40kB / 10.40kB 0.0s
=> extracting sha256:5c87849f283b8f82b1196839629d673478e06e4d7005e1fea 0.0s
=> sha256:ed064ae01f0e4b93f808d9b819faaf8a6ad9dc1c 20.12MB / 20.12MB 2.7s
=> sha256:281e65520a58c038f158ab9da5d95ae23e1bcefb815e0bd2d 430B / 430B 0.5s
=> sha256:f4b153f56164f07dd5f064df5ae7cae54aa014838e60fb5a9 484B / 484B 0.7s
=> sha256:bd9ae58952031367f90e8fbd37cd39d571d25826b44 12.03MB / 12.03MB 2.0s
=> sha256:521f401b5238ab5ecfcf48e710e3c073a65b95dadd6e5e858 490B / 490B 2.4s
=> sha256:9a407138810c6061745d5d61031a80b2263380941d 11.16kB / 11.16kB 3.5s
=> sha256:7b59b073741e205bbee1cea5fde594cb7279c834006e2 2.46kB / 2.46kB 2.9s
=> sha256:7e75c3f4f906e4b7b017a849169114749534dc19ecf0931 249B / 249B 3.1s
=> sha256:6255eed3b8a968d3de7ee8511162c6ade7482cef9ef4ca367 245B / 245B 3.3s
=> sha256:5593825c370194dd1cddc24a420cb3f4ecd9b521458b3d2 890B / 890B 3.5s
=> sha256:4f4fb70ef54461cfa02571ae0db9a0dc1e0c0b5577484a6d75 32B / 32B 3.7s
=> extracting sha256:deb128f1d0f606449993faead515a510889809f45406b279 1.9s
=> extracting sha256:95885880b3125d49ac7daf30eab2199bdea8acc9dee47c24b 0.0s
=> extracting sha256:ed2e94aee01f0e4b93f808d9b819faaf8a6ad9dc1c6549f6 0.4s
=> extracting sha256:281e65520a58c038f158ab9da5d95ae23e1bcefb815e0bd2d6 0.0s
=> extracting sha256:f4b153f56164f07dd5f064df5ae7cae54aa014838e60fb5a9a 0.0s
=> extracting sha256:bd9ae58952031367f90e8fbd37cd39d571d25826b44a381433 0.1s
=> extracting sha256:521f401b5238ab5ecfcf48e710e3c073a65b95dadd6e5e8582 0.0s
=> extracting sha256:9a407138810c6061745d5d61031a80b2263380941d9996af 0.4s
=> extracting sha256:7b59b073741e205bbee1cea5fde594cb7279c834006e226fa 0.0s
=> extracting sha256:7e75c3f4f906e4b7b017a849169114749534dc19ecf09311 0.0s
=> extracting sha256:6255eed3b8a968d3de7ee8511162c6ade7482cef9ef4ca367a 0.0s
=> extracting sha256:5593825c370194dd1cddc24a420cb3f4ecd9b521458b3d26 0.0s
=> extracting sha256:4f4fb70ef54461cfa02571ae0db9a0dc1e0c0b5577484a6d7 0.0s
[2/2] RUN apt-get update && apt-get install -y libfreetype6-de
=> exporting to image 0.5s
=> exporting layers 0.4s
=> writing image sha256:3dbb933efed4145fb16d9529a6426c7a380c8899d5223f5 0.0s
=> naming to docker.io/library/miprimeraimagen:v1 0.0s
jguzm@PC-Tiffer: /mnt/c/WINDOWS/system32/lab-contenedores/imagen-personalizada$ sudo docker run -d --name prueba-imagen \
-p 8082:80 \
miprimeraimagen:v1
db165e4971bb0885e44ecb2c2f9e0d1fa48429b61ab6eecdffa753c39e65a435
```

Primer commit del proyecto403 ForbidenPHP 8.4.11 - phpinfo()

localhost:8080

PHP Version 8.4.11

SystemLinux 5.6.0-11bca3f6.6.8.7.2-microsoft-standard-WSL2 #1 SMP PREEMPT_DYNAMIC Thu Jun 5 18:30:46 UTC 2025 x86_64

Build DateAug 4 2025 20:45:56

Build SystemLinux - Docker

Build Providerhttps://github.com/docker-library/php

Configure Command"/configure" --build=x86_64-linux-gnu "--with-config-file-path=/usr/local/etc/php" "--with-config-file-scan-dir=/usr/local/etc/php/conf.d" "--enable-option-checking=fatal" "--with-mhash" "--with-pic" "--enable-mbstring" "--enable-mysqld" "--with-password-argon2" "--with-sodium=shared" "--with-pdo-sqlite=/usr" "--with-sqlite3=/usr" "--with-curl" "--with-iconv" "--with-openssl" "--with-reading" "--with-zlib" "--disable-phpdbg" "--with-pear" "--with-libdir=lib/x86_64-linux-gnu" "--disable-cgi" "--with-apxs2" 'build_alias=x86_64-linux-gnu' 'PHP_UNAME=Linux - Docker' 'PHP_BUILD_PROVIDER=https://github.com/docker-library/php'

Server APIApache 2 Handler

Virtual Directory Supportdisabled

Configuration File (php.ini) Path/usr/local/etc/php

Loaded Configuration File(none)

Scan this dir for additional ini files/usr/local/etc/php/conf.d

Additional ini files parsed/usr/local/etc/php/conf.d/docker-php-ext-opcache.ini, /usr/local/etc/php/conf.d/docker-php-ext-sodium.ini

PHP APID20240924

PHP ExtensionD20240924

Zend Extension420240924

Zend Extension BuildAPI420240924.NTS

PHP Extension BuildAPI20240924.NTS

PHP Integer Size64 bits

Debug Buildno

