

NF19 Project : Giftcard

This is a guide to launch the wordpress test environment for our giftcard CMS. Said environment is made of two services which are wordpress and MySQL to serve the wordpress. We put at your disposal two images for each service already configured for our website :

- [albertelombo/giftcard_db](#)
- [albertelombo/giftcard_wp](#)

Prerequisites

1. Make sure to install :
 - [Docker Engine for your platform](#)
 - [Docker compose](#)
2. Make sure no service is running on port 80

Launching the test environment

1. First you must create in a folder dedicated to the test a `docker-compose.yml` file such as the following

```
services:
db:
  # We use a mariadb image which supports both amd64 & arm64 architecture
  #image: mariadb:10.6.4-focal
  # If you really want to use MySQL, uncomment the following line
  #image: mysql:8.0.27
  #command: '--default-authentication-plugin=mysql_native_password'
  image: albertelombo/giftcard_db
  volumes:
  - db_data:/var/lib/mysql
  restart: always
  environment:
  - MYSQL_ROOT_PASSWORD=somewordpress
  - MYSQL_DATABASE=wordpress
  - MYSQL_USER=wordpress
  - MYSQL_PASSWORD=wordpress
  expose:
  - 3306
  - 33060
wordpress:
  image: albertelombo/giftcard_wp
  #image: wordpress:latest
```

```
volumes:
- wp_data:/var/www/html
ports:
- 80:80
restart: always
environment:
- WORDPRESS_DB_HOST=db
- WORDPRESS_DB_USER=wordpress
- WORDPRESS_DB_PASSWORD=wordpress
- WORDPRESS_DB_NAME=wordpress
- COMPOSE_PROJECT_NAME=giftcard
volumes:
db_data:
wp_data:
```

2. Launch the different services

- o Windows

```
docker compose up -d
```

- o Linux or MacOS

```
sudo docker compose up -d
```

3. Login if necessary with following credentials

- o username: albertelombo
- o password: NF19Pass