

# WP in Docker and MariaDB v1.8 2024-11-18

## WP is an open source web content management system

Run WP, MariaDB and phpMyAdmin (optional) as Docker containers using only: **Makefile**, **.env** and **docker-compose.yml**.

Alternative docker-compose examples and other demo files enclosed.

## Extras

- can run `cmd_extras.sh` after the installation inside the WP container (adding extra modules?)
- can run `install_extras.sh` after the installation outside (starting daemons?)
- available **temporary static web** (optional) containers during *suspend*, *backup* and *restore* operations (for users or monitoring services)
- available **wp** binary with **shell completion**, **bash aliases** and some *PHP ini setup*

## Usage

Run `make`:

- `install` - install containers
- `start` - start containers
- `stop` - stop containers
- `suspend` - suspend site (run a static web instead)
- `unsuspend` - unsuspend site
- `test` - test containers, force reinstall
- `fix` - fix web container permissions
- `update` - update themes and plugins via wp binary
- `kill` - kill containers
- `remove` - remove containers
- `cronrunall` - run all cron hooks
- `cronrundue` - run all cron hooks due right now
- `backup` - backup containers
- `restore` - restore containers
- `exec` - run shell inside WP container
- `exec run='<command>'` - run `<command>` inside WP container
- `debug` - install and run WP in the foreground

- `config` - display Docker compose configuration
- `lock` - lock installation for writing
- `unlock` - unlock installation for writing
- `logs` - display logs
- `purge` - delete persistent data ☐☐
- `docs` - transpile documentation into PDF

## Examples

- `make purge install` - purge everything and fresh install
- `make backup test` - make backup and test functionality
- `make purge restore` - purge everything and restore from backup
- `make logs` - show logs from the main container
- `make test` - test containers (reinstall if it failes)

---

Author: Fred Brooker ☐ [git@gscloud.cz](mailto:git@gscloud.cz) ☐☐ GS Cloud Ltd. <https://gscloud.cz>