WordPress in Docker and MariaDB v1.4 2023-12-06

WordPress is an open source web content management system

WordPress in Docker demo: https://wodpress-in-docker.mxd.cz
WordPress in Docker repository: https://github.com/GSCloud/docker_wordpress

Run WordPress, 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

- pause - pause containers

- unpause - unpause 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

- jsoncontrol - display a set of control commands in JSON

- 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 🏢 GS Cloud Ltd. https://gscloud.cz