

Migrations with WP CLI WordPress Meetup 13.05.2020

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Erstellt von: Ing. Mag. Hannes Dorn

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DORN edv Dienstleistungen
Ing. Mag. Hannes Dorn
Hauptstraße 28
A-3375 Krummnußbaum

edv@dorn.cc
M: +43 (676) 405 94 29
<http://edv.dorn.cc>
<http://www.opage.at>

Raiffeisenbank Mittleres Mostviertel
IBAN: AT16 3293 9000 0150 9173
BIC: RLNWATWW939
ATU 44619908

Zahlungskonditionen
Zahlbar prompt ohne
jeden Abzug
Verzugszinsen 7 % p.A.

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1 WP CLI

WordPress Command Line Interface

<https://wp-cli.org/>

Written in PHP (like WordPress)

1.1 Requirements

PHP 5.4

1.2 Installation

Just download `wp-cli.phar` and store it somewhere on your computer.

```
curl -O https://raw.githubusercontent.com/wp-cli/builds/gh-pages/phar/wp-cli.phar
```

1.3 Check, if everything works

```
php wp-cli.phar --info
```

1.4 Linux

```
chmod +x wp-cli.phar  
sudo mv wp-cli.phar /usr/local/bin/wp
```

1.5 Windows: wp.cmd

```
@echo off  
set  
SSL_CERT_FILE=phar://wp-cli.phar/vendor/rmccue/requests/library/Requests/Transport/cacert.pem  
php.exe D:\Tools\Internet\wp-cli\wp-cli.phar %*
```

1.6 Help

<https://developer.wordpress.org/cli/commands/>

```
wp  
wp help  
wp help db
```

1.7 Example: Update WordPress

<https://kossdorff2.localhost/>

```
@echo off  
call wp cli update --yes  
call wp core update  
call wp plugin update --all  
call wp theme update --all  
call wp language core update  
call wp language plugin update --all  
call wp language theme update --all  
call wp core update-db  
call wp core update-db --network
```

2 Migrate www.akm.at to test.akm.at

Copy the live version of the website to the test webspace.

We have shell access.

Live: <https://www.akm.at/>

Test: <https://testakm.at/>

- Hostname changes from www.akm.at to testakm.at
- Path changes from `/srv/sites/site01/web/` to `/srv/sites/site02/web/`
- License of WP Bakery Page Builder Plugin needs to be updated

```
#!/bin/bash
rsync -av --delete --exclude wp-content/cache/ /srv/sites/site01/web/ /srv/sites/site02/web/
wp --allow-root --path=/srv/sites/site01/web/ db export /tmp/www-akm-at.sql
wp --allow-root --path=/srv/sites/site02/web/ db import /tmp/www-akm-at.sql
wp --allow-root --path=/srv/sites/site02/web/ search-replace www.akm.at test.akm.at --all-tables
wp --allow-root --path=/srv/sites/site02/web/ search-replace /srv/sites/site01 /srv/sites/site02 --all-tables
wp --allow-root --path=/srv/sites/site02/web/ search-replace 'license old' 'license new' 'wp_*options'
rm /tmp/www-akm-at.sql
chown -R site02:www-data /srv/sites/site02/web/
```

3 Migrate lsg2.localhost to www.lsg-interpreten.com/wp/

Copy the dev version of the website to the live webspace.

We have no shell access on the live webspace.

Dev: <https://lsg2.localhost>

Live: <https://www.lsg-interpreten.com/wp/>

- Hostname changes from lsg2.localhost to www.lsg-interpreten.com/wp/
- Email changes from hannesd@private.dorn.local to office@lsg-interpreten.com
- Path changes from `d:\daten\http\lsg2` to `/webseiten/www/wp`
- Admin password needs to be changed

3.1 Step 1: Export local database

@echo off

```
if "%~1" == "" goto :ERROR

rem set test=--dry-run
set options=--allow-root --all-tables --report-changed-only

call wp.cmd search-replace %options% "Hannes Dorn <hannesd@private.dorn.local>" "LSG Interpreten <office@lsg-interpreten.com>" %test%
call wp.cmd search-replace %options% "hannesd@private.dorn.local" "office@lsg-interpreten.com" %test%
call wp.cmd search-replace %options% "d:/daten/http/lsg2" "/webseiten/www/wp" %test%
call wp.cmd search-replace %options% "d:\daten\http\lsg2" "/webseiten/www/wp" %test%
call wp.cmd search-replace %options% "d:\Daten\http\lsg2" "/webseiten/www/wp" %test%
call wp.cmd search-replace %options% "D:\daten\http\lsg2" "/webseiten/www/wp" %test%
call wp.cmd search-replace %options% "D:\Daten\http\lsg2" "/webseiten/www/wp" %test%
call wp.cmd search-replace %options% lsg2.localhost www.lsg-interpreten.com/wp %test%
```

```
call wp.cmd search-replace %options% http:// https:// %test%
call wp.cmd user update 1 --user_pass="%~1" %test%

call wp.cmd db export --allow-root db.sql %test%

call wp.cmd search-replace %options% "LSG Interpreten <office@lsg-
interpreten.com>" "Hannes Dorn <hannesd@private.dorn.local>" %test%
call wp.cmd search-replace %options% "office@lsg-interpreten.com"
"hannesd@private.dorn.local" %test%
call wp.cmd search-replace %options% "/webseiten/www/wp"
"d:/daten/http/lsg2" %test%
call wp.cmd search-replace %options% www.lsg-interpreten.com/wp
lsg2.localhost %test%
call wp.cmd user update 1 --user_pass=admin %test%

goto :EOF

:ERROR
echo Aufruf: %~nx0 password
goto :EOF
```

3.2 Step 2: Upload your files

Upload your files to the webspace

- sitecopy
- rsync
- Filezilla

3.3 Step 3: Import your database

- Open PhpMyAdmin
- select your database
- import the sql-file

4 Migrate www.lsg-interpreten.com/wp/ to lsg2.localhost

Copy the live website to the dev webspace.

We have no shell access on the live webspace.

Live: <https://www.lsg-interpreten.com/wp/>

Dev: <https://lsg2.localhost>

- Hostname changes from www.lsg-interpreten.com/wp/ to lsg2.localhost
- Email changes from office@lsg-interpreten.com to hannesd@private.dorn.local
- Path changes from </webseiten/www/wp> to <d:/daten/http/lsg2>
- Admin password needs to be changed

4.1 Step 1: Export your database

- Open PhpMyAdmin
- select your database
- export the database to an sql-file
 - Format: SQL
 - Custom
 - Save output to file
 - add DROP TABLE / VIEW / PROCEDURE / FUNCTION / EVENT / TRIGGER command

4.2 Step 2: Download your files

Download your files to the webspace

- Filezilla

4.3 Step 3: Import your database

@echo off

```
rem set test=--dry-run
set options=--allow-root --all-tables --report-changed-only

call wp.cmd db import --allow-root db.sql %test%

call wp.cmd search-replace %options% "LSG Interpreten <office@lsg-
interpreten.com>" "Hannes Dorn <hanned@private.dorn.local>" %test%
call wp.cmd search-replace %options% "office@lsg-interpreten.com"
"hanned@private.dorn.local" %test%
call wp.cmd search-replace %options% "/webseiten/www/wp"
"d:/daten/http/lsg2" %test%
call wp.cmd search-replace %options% www.lsg-interpreten.com/wp
lsg2.localhost %test%
call wp.cmd user update 1 --user_pass=admin %test%
```