Intro to WP-CLI

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About Me

- Justin Howe.
- I am a freelance developer - My business is Web Weapons.
- I Teach web design using WordPress as a platform at Sheridan College.
- I've been programming in PHP for 10+ years, and many years of other languages before that.
- I've been using WordPress since 2007
- I am a developer, not a designer, as you can probably see from my slides.
- Just launched, Web Weapons. (www.webweapons.com)

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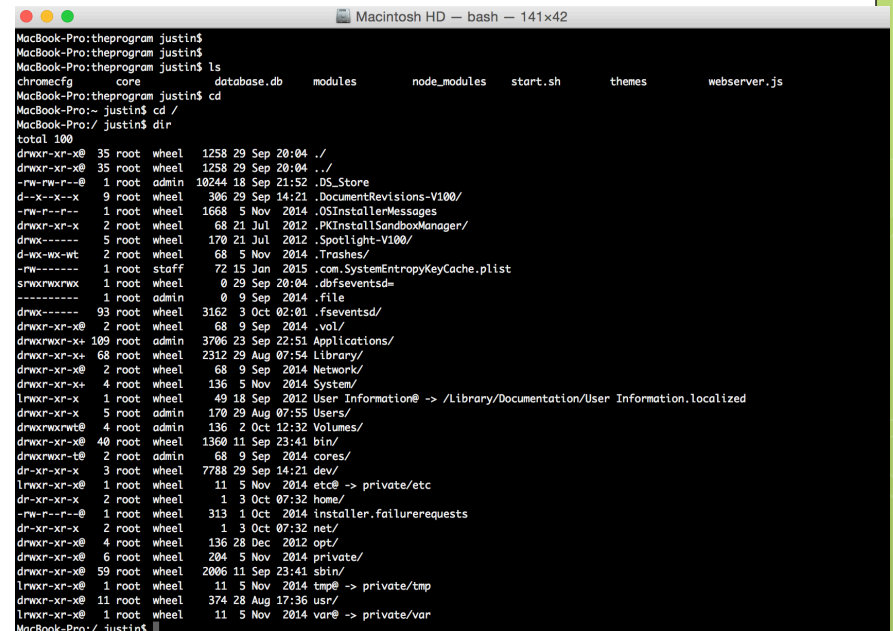justinhowe.com

And I build decks!

What is WP-CLI?

- WP-CLI is a set of tools which can be used from the command line for WordPress
- Useful for anyone who is building and/or maintaining WordPress sites, themes, plugins.
- http://www.wp-cli.org

Command Line?

- WP-CLI works off of Unix-like command lines.
  - Mac OSX
  - Linux
  - Windows
- Remember MSDOS?

Like that, only better

How do I get to my command line?

- On Mac: open terminal
- On Linux: open terminal or ssh
- On Windows: This is more complicated
    - Download Cygwin
- On your host
    - ssh to your host.

How do I get it?

- http://www.wp-cli.org
- You will need PHP (5.3.2 or later) which you can download at www.php.net
- If you have an existing WordPress, it needs to be 3.5.2 or later.
- If you have a host, you may already have it

Hosts

- If your host doesn't allows SSH, then you are out of luck (i.e. Shared hosting)
- These ones have it preinstalled:
    - Bluehost
    - Dreamhost
    - Synthesis
    - SiteGround

Install

If you might already have it, type

```
wp —info
```

If it displays information, then you have it already.
Otherwise:

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

Then set it so you can execute it:

chmod a+x wp-cli.phar

And move it to a better location and name it "wp":

sudo mv wp-cli.phar /usr/local/bin/wp

Is it working?

Try this:

`wp --info`

```
● ● ●              justin — bash — 47×9
MacBook-Pro:~ justin$ wp --info
PHP binary:       /usr/bin/php
PHP version:      5.5.27
php.ini used:
WP-CLI root dir:          phar://wp-cli.phar
WP-CLI global config:
WP-CLI project config:
WP-CLI version: 0.20.1
MacBook-Pro:~ justin$ █
```

The WP commands will work from any of the subdirectories in your WordPress Install

Now What?

- The wp command has the same format for everything:

- wp <command> <sub-command> <params>

- Typing wp on its own will display the command list.
- Params are in the format
  --paramname
  --paramname=value

Core

- Create a new site:

wp core download
wp core config --dbname=test --dbuser=test
wp core install --prompt

Plugins

wp plugin update –all

wp plugin search <term>
wp plugin install "advanced-custom-fields"

wp plugin deactivate –all

Databases

wp db export test.sql
- Exports the database

wp db import test.sql
- Imports the database

wp db cli
- Go to the database command line

Posts

wp post generate --count=20
wp post get <id>

With your own text

cat drwho.txt | wp post generate --count=20 --post_content

Scaffold

Underscores theme
wp scaffold _s timelady

Child Theme:
wp scaffold child-theme mychild --parent_theme=twentyfifteen

Custom Post type
wp scaffold post-type sonicdrivers --theme

Themes

Search for a theme
wp theme search term

wp theme install minamaze --activate

Creating users

Generate a number of users:

wp user generate --count=100

 - generates 100 users by default

 - Add --role=<role>

wp

Community commands

- Expands the abilities of the wp-cli
- Loads from your plugins on your site or you can load them directly with –require

wp dragon hello

- https://github.com/wp-cli/wp-cli/wiki/List-of-community-commands

Go Forth And Code!

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