



# 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](http://www.webweapons.com))

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And I build decks!

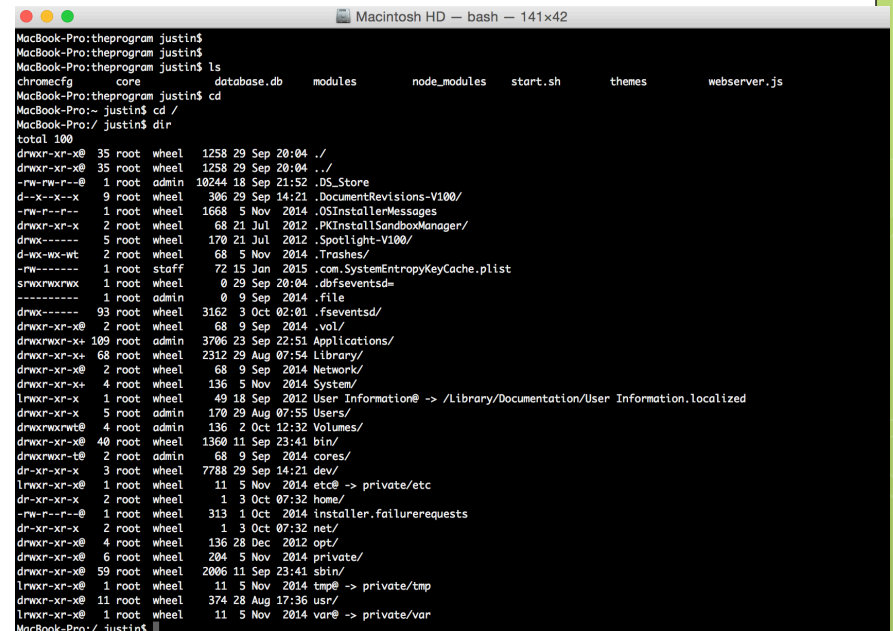


# What is WP-CLI?

- 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



```
MacBook-Pro:~ justin$ cd /
MacBook-Pro:~ justin$ ls
chromeconfig  core  database.db  modules  node_modules  start.sh  themes  webservice.js
MacBook-Pro:~ justin$ cd /
MacBook-Pro:~ justin$ dir
total 100
drwxr-xr-x@ 35 root wheel 1258 29 Sep 20:04 ./
drwxr-xr-x@ 35 root wheel 1258 29 Sep 20:04 ../
-rw-rw-r--@ 1 root admin 10244 18 Sep 21:52 .DS_Store
d--x--x--x 9 root wheel 306 29 Sep 14:21 .DocumentRevisions-V100/
-rw-r--r-- 1 root wheel 1668 5 Nov 2014 .OSInstallerMessages
drwxr-xr-x 2 root wheel 68 21 Jul 2012 .PKInstallerSandboxManager/
drwx----- 5 root wheel 170 21 Jul 2012 .Spotlight-V100/
d-wx-wx-wt 2 root wheel 68 5 Nov 2014 .Trashes/
-rw----- 1 root staff 72 15 Jan 2015 com.SystemEntropyKeyCache.plist
srwxsrwx 1 root wheel 0 29 Sep 20:04 dbfseventsda
----- 1 root admin 0 9 Sep 2014 file
drwx----- 93 root wheel 3162 3 Oct 02:01 .fsevents/
drwxr-xr-x@ 2 root wheel 68 9 Sep 2014 .vol/
drwxrwxr-x+ 109 root admin 3706 23 Sep 22:51 Applications/
drwxr-xr-x+ 68 root wheel 2312 29 Aug 07:54 Library/
drwxr-xr-x@ 2 root wheel 68 9 Sep 2014 Network/
drwxr-xr-x+ 4 root wheel 136 5 Nov 2014 System/
lrwxr-xr-x 1 root wheel 49 18 Sep 2012 User Information@ -> /Library/Documentation/User Information.localized
drwxr-xr-x 5 root admin 170 29 Aug 07:55 Users/
drwxrwxrwt@ 4 root admin 136 2 Oct 12:32 Volumes/
drwxr-xr-x@ 40 root wheel 1360 11 Sep 23:41 bin/
drwxrwxr-t@ 2 root admin 68 9 Sep 2014 cores/
dr-xr-xr-x 3 root wheel 7788 29 Sep 14:21 dev/
lrwxr-xr-x@ 1 root wheel 11 5 Nov 2014 etc@ -> private/etc
dr-xr-xr-x 2 root wheel 1 3 Oct 07:32 home/
-rw-r--r--@ 1 root wheel 313 1 Oct 2014 installer.failurerequests
dr-xr-xr-x 2 root wheel 1 3 Oct 07:32 net/
drwxr-xr-x@ 4 root wheel 136 28 Dec 2012 opt/
drwxr-xr-x@ 5 root wheel 204 5 Nov 2014 private/
drwxr-xr-x@ 59 root wheel 2006 11 Sep 23:41 sbin/
lrwxr-xr-x@ 1 root wheel 11 5 Nov 2014 tmp@ -> private/tmp
drwxr-xr-x@ 11 root wheel 374 28 Aug 17:36 usr/
lrwxr-xr-x@ 1 root wheel 11 5 Nov 2014 var@ -> private/var
MacBook-Pro:~ justin$
```

# 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](http://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 allow 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`

A screenshot of a macOS terminal window. The window title bar shows 'justin - bash - 47x9'. The terminal text shows the command 'wp --info' being executed on a MacBook-Pro. The output lists the PHP binary path, PHP version (5.5.27), the php.ini file used, the WP-CLI root directory (phar://wp-cli.phar), and the WP-CLI version (0.20.1).

```
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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