

GETTING STARTED WITH

WP-CLI

NATE FINCH... WHO??

- ▶ WP for ~6 years, ~5 years full-time
- ▶ Previously: [toptal](#), [Codeable](#), [10up](#)
- ▶ VP of Development at [The Digital Ring](#)
- ▶ Texas >> Kansas >> Spain (a little time in Morocco) >> France >> Illinois >> S. Korea >> and now Madison
- ▶ *"I'd be a professional student if I could..."*
- ▶ Married w/ 1.5 yo daughter



WHAT IS WP-CLI?

WP-CLI IS THE COMMAND-LINE INTERFACE FOR WORDPRESS. YOU CAN UPDATE PLUGINS, CONFIGURE MULTISITE INSTALLS AND MUCH MORE, WITHOUT USING A WEB BROWSER.

wp-cli.org

OK, SO WHAT DOES THAT MEAN?

- ▶ No need to use the wp-admin interface for some (repetitive) actions.
- ▶ What you can do in the wp-admin, you can do with WP-CLI (maybe, probably)
- ▶ Use your Terminal to run built-in and custom scripts
- ▶ Feel pretty awesome because you're not using a mouse (maybe, probably)

WP-CLI INSTALLATION (DO THIS ON YOUR OWN)

- ▶ Check out the instructions here: wp-cli.org
- ▶ Comes with:
 - ▶ Local (by Flywheel): <https://local.getflywheel.com/>
 - ▶ VVV: <https://varyingvagrantvagrants.org/>
 - ▶ WP Local Docker: <https://github.com/10up/wp-local-docker>
 - ▶ Can be installed on MAMP, WAMP, XAMPP, Docker... pretty much whatever environment you're working in locally or in production (... but maybe settle down cowboy/girl...)

BASIC COMMANDS

- ▶ `wp checksum core` - Verify WordPress files against WordPress.org's checksums.
- ▶ `wp cli version` - Display the version of WP-CLI that is currently installed.
- ▶ `wp plugin update --all` - update any installed plugin that can be updated
- ▶ `wp theme list` - Displays a list of all installed themes, if there are available updates, and if they are active
- ▶ And... so... much... more!

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**SOME INTRODUCTORY COMMANDS
FOLLOW ALONG IF YOU LIKE!**

SEE: [HTTPS://DEVELOPER.WORDPRESS.ORG/CLI/COMMANDS/](https://developer.wordpress.org/cli/commands/)

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CREATE A POST THROUGH WP-CLI
OR
IMPORT THEME UNIT STUFFS

SEE: [HTTPS://DEVELOPER.WORDPRESS.ORG/CLI/COMMANDS/POST/CREATE/](https://developer.wordpress.org/cli/commands/post/create/)

SEE: [HTTPS://DEVELOPER.WORDPRESS.ORG/CLI/COMMANDS/IMPORT/](https://developer.wordpress.org/cli/commands/import/)

USING WP-CLI FOR MAINTENANCE... EASY PEASY!

- ▶ Sure thing!
- ▶ Update plugins
- ▶ Update themes
- ▶ Check the checksums
- ▶ Check the database
- ▶ Test locally, deploy to staging or production

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MAINTAIN AND FIX

CHECKSUMS, UPDATE ALL THE THINGS

SITE MIGRATIONS... WITHOUT A PLUGIN!

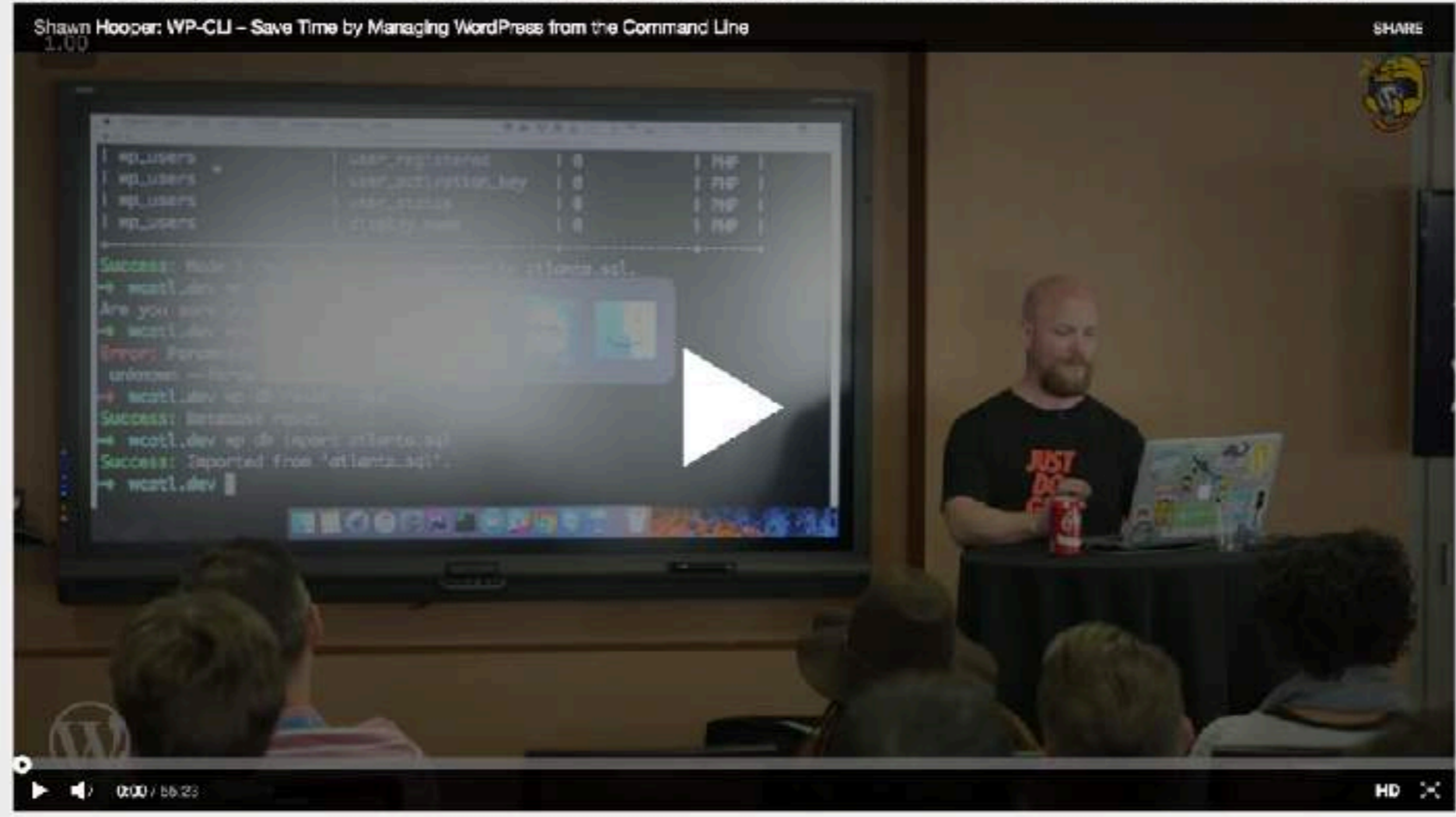
- ▶ Export (i.e., backup) your local db
- ▶ Reset the db
- ▶ Import your .sql db from your staging/production site
- ▶ Run `wp search-replace` to switch out URL strings (works with serialized data, so no worries!), `-dry-run` first!
- ▶ Run it again
- ▶ Flush the cache and be on your merry way

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**SITE MIGRATION FROM ONE
LOCAL INSTALL TO ANOTHER**

WP.TV

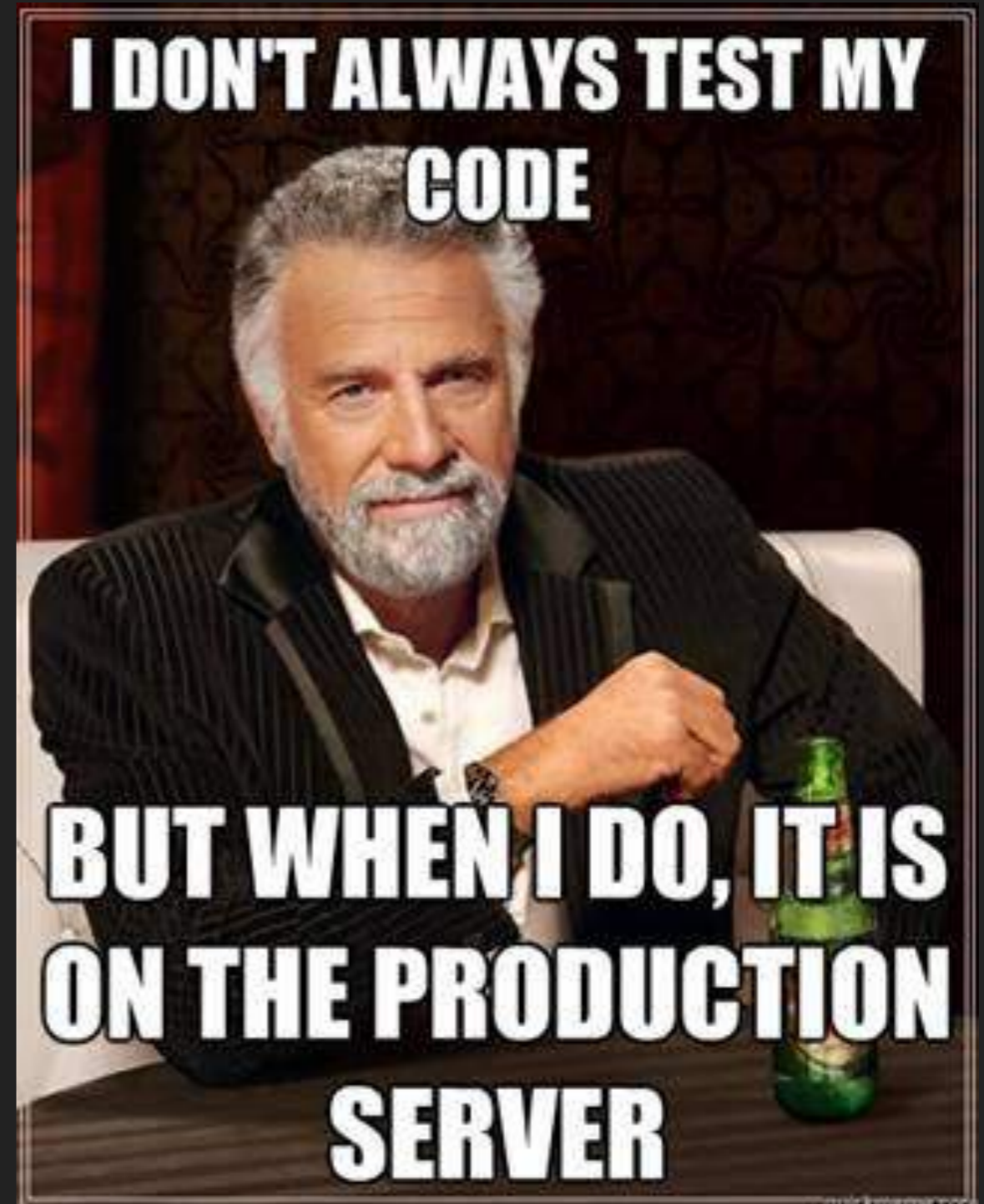
Shawn Hooper: WP-CLI – Save Time by Managing WordPress from the Command Line



[HTTPS://WORDPRESS.TV/?S=WP-CLI](https://wordpress.tv/?s=wp-cli)

CUSTOM COMMANDS... YIKES!

- ▶ Use custom WP-CLI commands for repetitive tasks.
- ▶ Whatever you can do with PHP, you can make a WP-CLI command for.
- ▶ See the handbook for more details.
- ▶ This is a personal use case on a site, don't try this in production... or do... whatevs!



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WP-CLI CUSTOM COMMAND WALK THROUGH

[HTTPS://MAKE.WORDPRESS.ORG/CLI/HANDBOOK/COMMANDS-COOKBOOK/](https://make.wordpress.org/cli/handbook/commands-cookbook/)
[HTTPS://GITHUB.COM/N8FINCH/SIMPLE-WP-CLI-PLUGIN](https://github.com/n8finch/simple-wp-cli-plugin)

IMPROVEMENTS CAN ALWAYS BE MADE!

- ▶ false positives for user removal (script running faster than the queries can keep up)
- ▶ validate a user has been removed before moving on (slower, might be impossible on a service like WP Engine, but more accurate)
- ▶ allow for multiple roles at a time to be added/removed from one email address.
- ▶ namespace all the things
- ▶ instead of printing emails to the console we could also automatically export them to a CSV or plain text file
- ▶ checks to make sure we're getting a valid email or comma-separated list of emails in the `$email` variable.

QUESTIONS???

NO?? OK, COOL, THANKS!

IF YOU THOUGHT THIS WAS FUN...



WE'RE ALWAYS LOOKING FOR FUN FOLKS!