

Inspecting, Development, and Testing Tools

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Who am I?

Chris Olbekson

- WordPress Developer at X-Team
- Core Contributor
- Support Forum Moderator

What am I talking about?

Tools and methods you can use for testing and debugging your code followed by interactive examples.

Built in Tools

1. WP_DEBUG

```
define( WP_DEBUG, true)
```

2. SCRIPT_DEBUG

```
define(SCRIPT_DEBUG, true)
```

3. SAVEQUERIES

```
define(SAVEQUERIES, true)
```

4. The ALL Action Hook

```
add_action( 'all', create_function( '', 'var_dump( current_filter() );' ) )
```

Plugins

- Debug Bar
- Debug Bar Console
- Debug Cron
- Core Control

Xdebug

- Backtraces function calls and variables
- Profiling
- Formatting error messages
- `xdebug_var_dump`

PHP_CodeSniffer

- Detects violations of a defined coding standard
- Essential development tool for teams
- Prevents and detects common semantic errors
- WordPress specific sniffs and ruleset

<https://github.com/x-team/WordPress-Coding-Standards>

Using an IDE

- Built in function definitions and code completion
- Real time debugging while you write code
- Real time code sniffing with PHPCS
- Built in version control
- Remote debugging with Xdebug

Start of a Conversation

- KCacheGrind (Visualization / Profiling)
- Unit Testing
- JSHint / JSLint
- Load Testing

What are some of your favorite tools?