Building a WordPress Plugin

It's Not Rocket Science
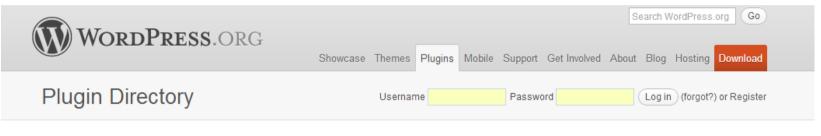
Who's This Guy?

- Senior Web Engineer at 10up

- WordPress Core Contributor

- Early adopter

Core Contributors to WordPress 3.5

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What is a Plugin

Basic Structure: Readme

```
1  === Plugin Name ===
2  Contributors: ericmann
3  Donate link: http://example.com/
4  Tags: comments, spam
5  Requires at least: 3.0.1
6  Tested up to: 3.4
7  Stable tag: 4.3
8  License: GPLv2 or later
9  License URI: http://www.gnu.org/licenses/gpl-2.0.html
10
11 Here is a short description of the plugin.  This should be no more than 150 characters.  No markup here.
12
13 == Description ==
14
15 This is the long description.  No limit, and you can use Markdown (as well as in the following sections).
16
17 For backwards compatibility, if this section is missing, the full length of the short description will be
   used, and
18 Markdown parsed.
19
20 A few notes about the sections above:
21
22 *    "Contributors" is a comma separated list of wp.org/wp-plugins.org usernames
23 *    "Tags" is a comma separated list of tags that apply to the plugin
```

Basic Structure: wcphx.php

```php
1  <?php
2  /**
3   * Plugin Name: Name Of The Plugin
4   * Plugin URI: http://eamann.com
5   * Description: A brief description of the Plugin.
6   * Version: 1.0
7   * Author: Eric Mann
8   * Author URI: http://eamann.com
9   * License: GPL2
10  */
11
12  // Useful global constants
13  define( 'WCPHX_VERSION', '1.0' );
14  define( 'WCPHX_URL',      plugin_dir_url( __FILE__ ) );
15  define( 'WCPHX_PATH',     dirname( __FILE__ ) . '/' );
16
17  function wcphx_init() {
18      load_plugin_textdomain( 'wcphx_translate', false, dirname( dirname( plugin_basename( __FILE__ ) ) ) .
         '/lang' );
19  }
20
21  function wcphx_activate() {
22      // First load the init scripts in case any rewrite functionality is being loaded
23      wcphx_init();
24  }
```

Setting Things Up

- Internationalization

- Activation/Deactivation

- Hooks – Actions/Filters

Namespacing

- What is it?
- Function prefixes
- Class wrappers
  - Static
  - Object
  - Singleton

Let's Try It