Building a WordPress Plugin

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

• Senior Web Engineer at 10up
• WordPress Core Contributor
• Early adopter
What is a Plugin

Plugins can extend WordPress to do almost anything you can imagine. In the directory you can find, download, rate, and comment on all the best plugins the WordPress community has to offer.

22,944 PLUGINS, 392,151,677 DOWNLOADS, AND COUNTING

Featured Plugins

Jetpack by WordPress.com
Supercharge your WordPress site with powerful features previously only available to WordPress.com users.

Most Popular »
- Akismet
  Downloaded 12,976,117 times
- Contact Form 7
  Downloaded 3,285,671 times
- All in One SEO Pack
  Downloaded 13,264,201 times
- Jetpack by WordPress.com
  Downloaded 3,614,885 times
- WordPress SEO by Yoast
  Downloaded 3,127,190 times
- NextGEN Gallery
  Downloaded 6,483,272 times
Basic Structure: Readme

```markdown
--- Plugin Name ---
Contributors: ericmann
Donate link: http://example.com/
Tags: comments, spam
Requires at least: 3.0.1
Tested up to: 3.4
Stable tag: 4.3
License: GPLv2 or later
License URI: http://www.gnu.org/licenses/gpl-2.0.html

Here is a short description of the plugin. This should be no more than 150 characters. No markup here.

--- Description ---

This is the long description. No limit, and you can use Markdown (as well as in the following sections).

For backwards compatibility, if this section is missing, the full length of the short description will be used, and
Markdown parsed.

A few notes about the sections above:

* "Contributors" is a comma separated list of wp.org/wp-plugins.org usernames
* "Tags" is a comma separated list of tags that apply to the plugin
```
Basic Structure: wcphx.php

```php
<?php
/**
 * Plugin Name: Name Of The Plugin
 * Plugin URI: http://eamann.com
 * Description: A brief description of the Plugin.
 * Version: 1.0
 * Author: Eric Mann
 * Author URI: http://eamann.com
 * License: GPL2
 */

// Useful global constants
define( 'WCPhx_VERSION', '1.0' );
define( 'WCPhx_URL', plugin_dir_url( __FILE__ ) );
define( 'WCPhx_PATH', dirname( __FILE__ ) . '/' );

function wcphx_init() {
    load_plugin_textdomain( 'wcphx_translate', false, dirname( dirname( plugin_basename( __FILE__ ) ) ) . '/lang' );
}

function wcphx_activate() {
    // First load the init scripts in case any rewrite functionality is being loaded
    wcphx_init();
}
```
Setting Things Up

• Internationalization
• Activation/Deactivation
• Hooks – Actions/Filters
Namespacing

• What is it?
• Function prefixes
• Class wrappers
  – Static
  – Object
  – Singleton
Let’s Try It