

Hidden Treasures of WordPress

Kailey Lampert
@trepmal



kly.me/wcsea14

Handy Functions

wp_list_pluck()

Pluck a certain field out of each object in a list.

```
$posts = get_posts();
print_r(
    wp_list_pluck( $posts, 'post_title' )
);
```

```
Array (
    [0] => Hello World
    [1] => Goodbye World
)
```

wp-includes/functions.php

wp_list_filter()

Filters a list of objects, based on a set of key => value arguments.

```
$posts = get_posts();
$criteria = array( 'post_title' => 'Lorem' );
print_r(
    wp_list_filter( $posts, $criteria )
);
```

return only posts where title is ‘Lorem’

wp-includes/functions.php

__return_*()

__return_empty_array()
__return_empty_string()
__return_false()
__return_null()
__return_true()
__return_zero()

add_filter('show_advanced_plugins', ' __return_false');
wp-includes/functions.php

`_split_str_by_whitespace()`

Breaks a string into chunks by splitting at whitespace characters.

```
$string = 'To sit in solemn silence on a dull dark dock';
print_r(
    _split_str_by_whitespace( $string, 16 )
);
```

```
Array
(
    [0] => To sit in solemn
    [1] => silence on a
    [2] => dull dark dock
)
```

wp_array_slice_assoc()

Extract a slice of an array, given a list of keys.

```
$post = (array) get_post( 1 );
$keys = array( 'post_title', 'post_date' );
print_r(
    wp_array_slice_assoc( $post, $keys )
);
```

```
Array
(
    [post_title] => Hello world!
    [post_date]  => 2013-05-23 01:21:29
)
```

wp_parse_id_list()

Clean up an array, comma- or space-separated list of IDs.

```
print_r(  
    wp_parse_id_list( '575, 128, 188, 21' )  
);
```

```
Array  
(  
    [0] => 575  
    [1] => 128  
    [2] => 188  
    [3] => 21  
)
```

wp_extract_urls()

Use RegEx to extract URLs from arbitrary content.

```
$post = get_post( 831 )->post_content;  
print_r(  
    wp_extract_urls( $post )  
)
```

```
Array  
(  
    [0] => http://codex.wordpress.org/Theme_Development  
    [1] => http://codex.wordpress.org/Theme_Unit_Test  
    [2] => http://codex.wordpress.org/Theme_Review  
    [3] => http://wordpress.org/extend/themes/
```

wp-includes/functions.php

Handy Constants

*** _IN_SECONDS**

MINUTE_IN_SECONDS // int(60)

HOUR_IN_SECONDS // int(3600)

DAY_IN_SECONDS // int(86400)

WEEK_IN_SECONDS // int(604800)

YEAR_IN_SECONDS // int(31536000)

WP_DEFAULT_THEME

```
define('WP_DEFAULT_THEME', 'twentyten');
```

Restructuring WordPress

Moving *Content* and *Plugins* directories

WP_CONTENT_DIR
WP_CONTENT_URL
WP_PLUGIN_DIR
WP_PLUGIN_URL
WPMU_PLUGIN_DIR
WPMU_PLUGIN_URL

before:
/wp-content
 /plugins
 /mu-plugins

after:
/content
 /modules
 /requirements

caution: many plugins make assumptions about these directories and may break

Handy Hooks

Variable Action Hooks

```
add_option_{$option} add_site_option_{$option} add_{$meta_type}_meta
added_{$meta_type}_meta admin_head-{$hook_suffix} admin_head-{$hook_suffix}
admin_head_{$content_func} admin_print_scripts-{$hook_suffix}
admin_print_scripts-{$hook_suffix} admin_print_styles-{$hook_suffix}
admin_print_styles-{$hook_suffix} after-{$taxonomy}-table
after_plugin_row_{$plugin_file} after_theme_row_{$stylesheet}
comment_{${new_status}}_{$comment->comment_type} comment_{${old_status}}
_to_{${new_status}} create_{${taxonomy}} created_{${taxonomy}} delete_{${taxonomy}}
delete_option_{$option} delete_site_option_{$option} delete_{${meta_type}}_meta
delete_{${meta_type}}meta deleted_{${meta_type}}_meta deleted_{${meta_type}}meta
edit_{${taxonomy}} edited_{${taxonomy}} get_template_part_{$slug}
in_plugin_update_message-{$file} in_theme_update_message-{$theme_key}
install_plugins_{${tab}} install_plugins_pre_{${tab}} install_themes_pre_{${tab}}
install_themes_{${tab}} manage_{${post->post_type}}_posts_custom_column
media_upload_{${tab}} media_upload_{${type}} save_post_{${post->post_type}} update-
custom_{${action}} update_option_{$option} update_site_option_{$option}
update_{${meta_type}}_meta updated_{${meta_type}}_meta ${new_status}_{${post-
>post_type}} ${old_status}_to_${new_status} ${taxonomy}_add_form ${taxonomy}
_add_form_fields ${taxonomy}_pre_add_form ${taxonomy}_pre_edit_form ${taxonomy}
_term_new_form_tag
```

Variable Filter Hooks

```
_wp_post_revision_field_{$field} add_{${meta_type}}_metadata async_upload_{${type}}
auth_post_meta_{$meta_key} blog_option_{${option}} bulk_actions-{$this->screen->id}
comment_form_field_{${name}} current_theme_supports-{$feature}
customize_sanitize_js_{$this->id} customize_sanitize_{${this->id}} delete_{${meta_type}}
_metadata edit_{${field}} edit_post_{${field}} edit_term_{${field}} edit_user_{${field}}
edit_{${field}} edit_{${taxonomy}}_{${field}} extra_{${context}}_headers get_{${taxonomy}}
get_the_generator_{${type}} get_user_option_{${option}} get_{${adjacent}}_post_join
get_{${adjacent}}_post_sort get_{${adjacent}}_post_where get_{${meta_type}}_metadata
install_plugins_table_api_args_{${tab}} manage_taxonomies_for_{${post_type}}_columns
manage_{${post_type}}_posts_columns manage_{${this->screen->id}}_sortable_columns
manage_{${this->screen->taxonomy}}_custom_column nav_menu_items_{${post_type_name}}
option_page_capability_{${option_page}} post_type_labels_{${post_type}} post_{${field}}
postbox_classes_{${page}}_{${id}} pre_{${field}} pre_post_{${field}} pre_term_{${field}}
pre_user_{${field}} pre_{${field}} pre_{${taxonomy}}_{${field}} sanitize_option_{${option}}
sanitize_{${meta_type}}_meta_{${meta_key}} shortcode_atts_{${shortcode}} term_links-
_{${taxonomy}} term_{${field}} term_{${field}}_rss theme_action_links_{${stylesheet}}
theme_mod_{${name}} update_{${meta_type}}_metadata user_{${field}} user_{${name}}_label
views_{${this->screen->id}} wp_nav_menu_{${menu->slug}}_items ${adjacent}_image_link
${adjacent}_post_link ${adjacent}_post_rel_link ${boundary}_post_rel_link
${field_no_prefix}_edit_pre ${field_no_prefix}_save_pre ${field}_pre ${taxonomy}
_row_actions ${taxonomy}_{${field}} ${taxonomy}_{${field}}_rss ${type}_template
```

Handy Screens

wp-admin/options.php

**Shows all options from the options table
No links in the admin to this screen.**

The screenshot shows a list of options from the WordPress database. Each option is listed on the left with its corresponding value on the right. The options include: active_plugins, admin_email, advanced_edit, avatar_default, avatar_rating, blacklist_keys, blogdescription, and blogname. The blogdescription option has a value of "Just another WordPress site". The blogname option has a value of "Local WordPress Trunk Dev".

Option	Value
active_plugins	SERIALIZED DATA
admin_email	admin@local.dev
advanced_edit	0
avatar_default	mystery
avatar_rating	G
blacklist_keys	
blogdescription	Just another WordPress site
blogname	Local WordPress Trunk Dev

Bonus!

Plugin-less Domain Mapping

All you need: Multisite using subdirectories

Edit Site: [ms.dev/mercury/](#)

Help ▾

[Info](#) [Users](#) [Themes](#) [Settings](#)

Domain	<input type="text" value="http://ms.dev"/>	<input type="text" value="mercury.dev"/>
Path	<input type="text" value="/mercury/"/>	<input type="text" value="/"/>
Registered	2014-04-22 03:49:00	
Last Updated	2014-06-12 21:24:19	

Edit Site: [mercury.dev/](#)

Help ▾

[Info](#) [Users](#) [Themes](#) [Settings](#)

Domain	<input type="text" value="http://mercury.dev"/>
Path	<input type="text" value="/"/>
Registered	2014-04-22 03:49:00



Now I must implore
That if you want to learn more
Just browse WordPress core