

Developing with Jetpack

A faint, stylized image of a person running is visible in the background, positioned behind the main title text.

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@kraft

Meet Kraft

- Contributor to WordPress
- Automattician

AUTOMATTIC



Meet Kraft

- Contributor to WordPress
- Automattician
- Learn more about me at kraft.im
- Random fatherhood thoughts
kraft.wordpress.com
- Browse the beers I've tried at kraft.beer

Meet Jetpack

- Contributor to WordPress
- Automattician
- Learn more about me at jetpack.me
- 35+ features from WP.com for your self-hosted sites: Stats, Related Posts, Publicize, and more!

Tonight on The Jetpack Show

- Client Sites
- Staging and Development Sites
- Tricking out Jetpack

Client Sites!



Settings

Feedback

My Jetpack

My Jetpack

Site Username		WordPress.com Username	
	The Journeyman	kraftbj	<button>Unlink my account</button>

Jetpack Primary User ?

Jason (primary)

Save

Disconnect Jetpack

Disconnect site from WordPress.com

Staging Sites!

Dashboard



Are <http://testa8c1.wpengine.com> and <http://testa8c1.staging.wpengine.com> two completely separate websites? If so we should create a new connection, which will reset your followers and linked services.

[What does this mean?](#)

[Reset the connection](#) | [This is a development environment](#) | [Submit a support ticket](#)

At a Glance



Quick Draft



Development Mode

- Disables everything requiring a WordPress.com connection.
- `define( 'JETPACK_DEV_DEBUG', true );`
- `apply_filters('jetpack_development_mode',
 '__return_true'
);`

Tricking Out Jetpack

WordPress Hooks

- `add_action('action_name',
 'your_function');`
- Actions run at specified times.
- `add_filter('filter_name',
 'your_function');`
- Filters modified things. Must be return'd!

Do Not Do This

```
<?php  
  
add_filter( 'the_excerpt', 'this_is_bad' );  
  
function this_is_bad( $excerpt ) {  
    $add_this = "Add this to the end of your excerpt!";  
  
    $new_excerpt = $excerpt . $add_this;  
  
    echo $new_excerpt;  
}
```

Do This

```
<?php

add_filter( 'the_excerpt', 'this_is_good' );

function this_is_good( $excerpt ) {
    $add_this = "Add this to the end of your excerpt!";

    $new_excerpt = $excerpt . $add_this;

    return $new_excerpt;
}
```


jetpack_relatedposts_filter_headline
jetpack_relatedposts_filter_options
jetpack_relatedposts_filter_args
jetpack_relatedposts_filter_filters
jetpack_relatedposts_returned_results
jetpack_relatedposts_filter_has_terms
jetpack_relatedposts_filter_post_type
jetpack_relatedposts_filter_post_formats
jetpack_relatedposts_filter_date_range
jetpack_relatedposts_filter_exclude_post_ids
jetpack_relatedposts_filter_post_link_rel
jetpack_relatedposts_filter_thumbnail_size
jetpack_relatedposts_filter_hits
jetpack_relatedposts_post_category_context
jetpack_relatedposts_filter_enabled_for_request
jetpack_relatedposts_filter_allow_feature_toggle

Related Posts!

```
add_filter( 'jetpack_relatedposts_filter_hits',  
    'bk_intro_rp', 20, 2 );  
  
function bk_intro_rp( $hits, $post_id ) {  
    $intro_posts = array( 10, 149, 249 );  
  
    if ( in_array( $post_id, $intro_posts ) ) {  
        array_unshift( $hits, array( 'id' => 1 ) );  
        array_pop( $hits );  
    }  
  
    return $hits;  
}
```

RP's + CPTs = 🥰

```
add_filter( 'rest_api_allowed_post_types',  
    'bk_special_cpts' );
```

```
function bk_special_cpts( $allowed_cpts ) {  
    $allowed_cpts[] = 'hot_dog';  
    $allowed_cpts[] = 'interview';  
  
    return $allowed_cpts;  
}
```

SSO

```
add_filter( 'jetpack_remove_login_form',  
    '__return_true' );  
  
add_filter( 'jetpack_sso_bypass_login_forward_wpcom',  
    '__return_true' );  
  
add_filter( 'jetpack_sso_display_disclaimer',  
    '__return_false' );  
  
add_filter( 'gettext', array( 'Jetpack_SSO',  
    'remove_lost_password_text' ) );
```

Stats! Stats! Stats!

- Legacy/Stable: stats_get_csv() pulls from stats.wordpress.com/csv.php
- New Hotness: stats_get_from_restapi() uses the WordPress.com API

Add All-Time Stats

```
add_action( 'jetpack_dashboard_widget', 'bk_stats_test', 998 );
function bk_stats_test() {
    $args = array( 'fields' => 'stats' );
    $stats = stats_get_from_restapi( $args );
    ?>
    <footer>
        <h3>
            <?php echo number_format_i18n( $stats->stats->views, 0 ); ?>
        </h3>
        <p>
            <?php |esc_html_e( 'Views all time', 'domain' ); ?>
        </p>
    </footer>
    <?php
}
```

Add All-Time Stats

149,356

Views all time

10,350

Blocked malicious login attempts

72,736

Spam comments blocked by Akismet.

Where can I find
out more?

GitHub

kraft.im/go/jp-github

Contact us!

kraft.im/go/jp-support

Questions?! AMA!

