



**BP + WP-API**

***BP + WP-API***

Creating Apps with BuddyPress  
and WP-API JSON REST API

\* pew pew!

# ***SPEAKER***

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APPS LOOKING FOR THEY ARE, YA YA BOY!

***WHY DO I NEED AN APP?***



**DO NOT REPLICATE YOUR  
WEBSITE IN AN APP**

\*Or Vader will hunt you down!

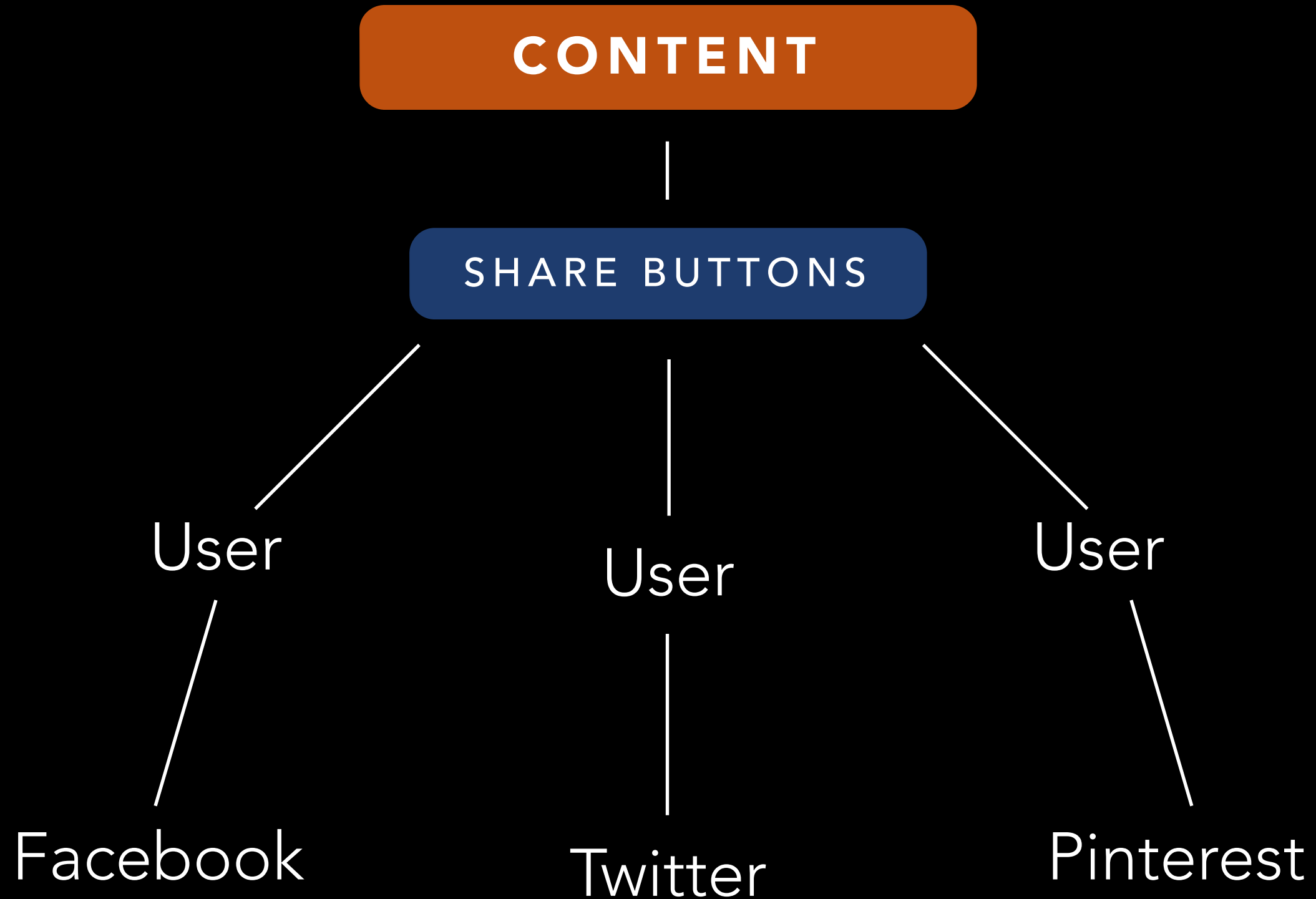
**TAKE ONE PROMINENT  
FEATURE AND USE THAT AS  
THE BASE FUNCTIONALITY  
OF YOUR APP**

# ***CONTENT DISTRIBUTION***

***In a galaxy far far away  
content distributors thought they could post once and  
have user come to  
their site and share that content.***

***The plans were stolen and a rag tag band of app rebels  
blew up the content farm deathstar...***

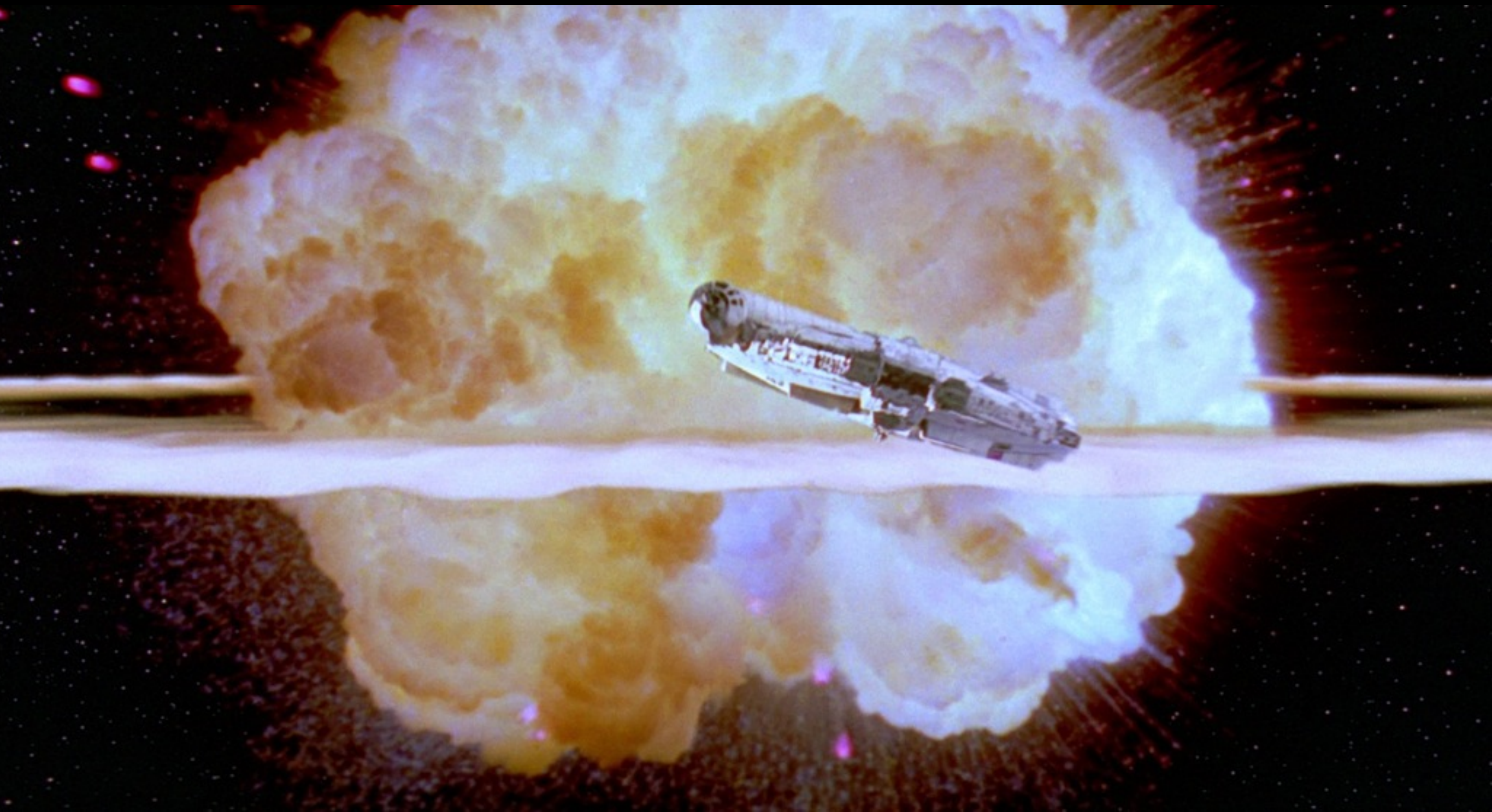
# ***OLD CONTENT DISTRIBUTION***





THE REBEL APP ALLIANCE DESTROYED

# CONTENT DISTRIBUTION



# ***NEW CONTENT DISTRIBUTION***

**CONTENT PROVIDER**

Facebook

LIKE / SHARE

User

User

User

Twitter

RT / FAVORITE

User

User

User

Pinterest

PIN

User

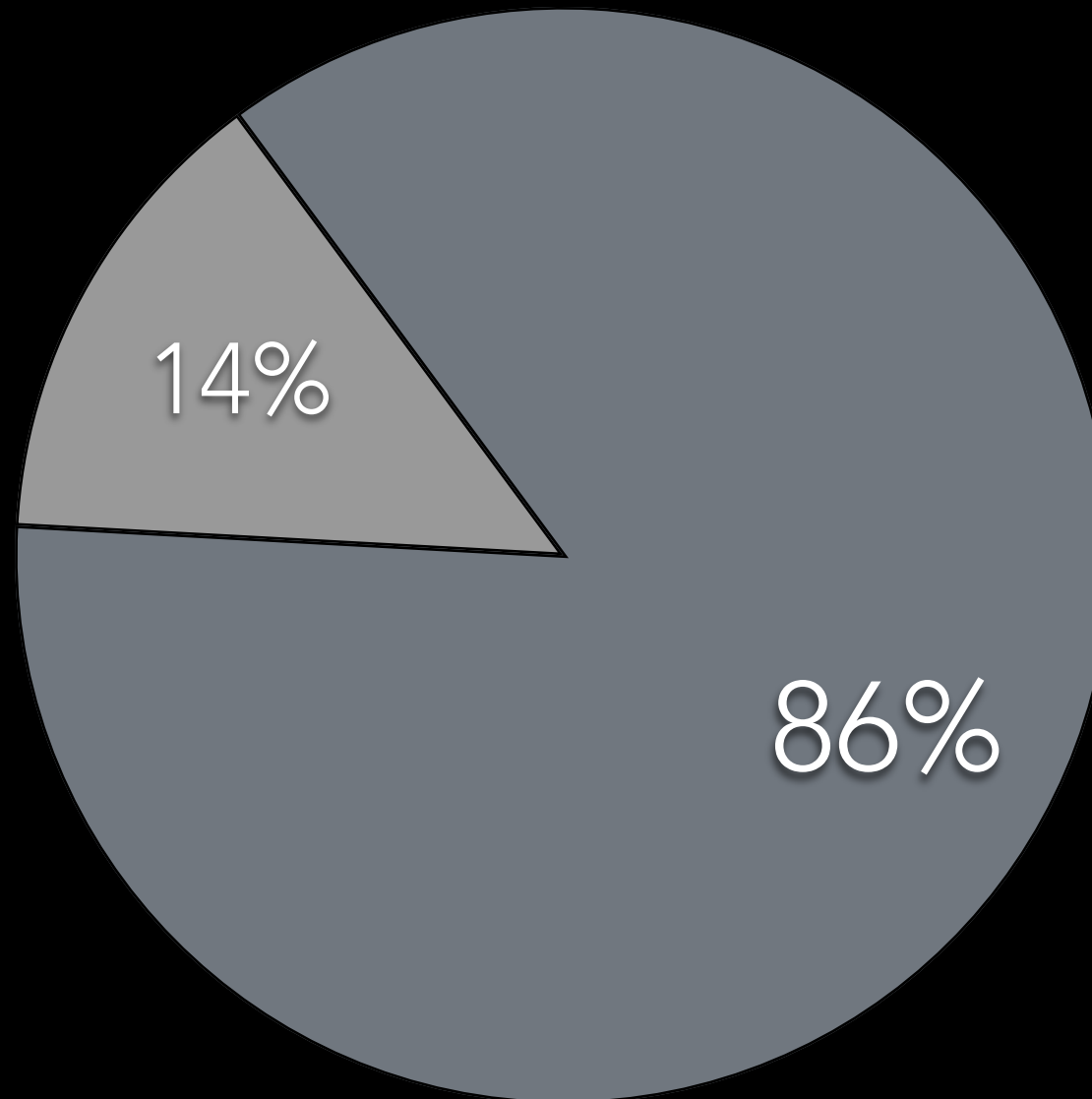
User

User

NEVER TELL ME THE ODDS!

# ***APP USAGE STATISTICS***

Mobile Browser



Apps

\* Flurry, ComScore



JOIN THE REBEL ALLIANCE  
***BUDDYPRESS***.org





# ***BUDDYPRESS COMPONENTS***

- Activity
- Profiles
- Messaging
- Groups
- Friending
- Notifications
- Settings

Favoriting

Attachments

Status updates

Authentication

Profile data

**BUDDYPRESS**

Messaging

Grouping

Notifications

User types

# ***POPULAR SOCIAL APPS***

- Twitter
  - Status Updates
- Facebook
  - Groups / Friending
- Snapchat
  - Messaging
- Yo
  - Notifications
- Pinterest
  - Attachments



HELP ME WP-API, YOU'RE MY ONLY HOPE!

**WP-API**.org





# ***HOW TO GET IT***

Currently as a plugin

[wordpress.org/plugins/json-rest-api](https://wordpress.org/plugins/json-rest-api)

available in core in future

# ***WHAT IS IT?***

WP-API is a JSON Rest API for WordPress data

JSON (JavaScript Object Notation) is a lightweight data-interchange format. It is easy for humans to read and write. It is easy for machines to parse and generate.

# ***WP-API ENDPOINTS***

- Posts </wp-json/posts>
- Pages </wp-json/pages>
- Media </wp-json/media>
- Users </wp-json/user>
- Taxonomies </wp-json/taxonomies>

# ***CUSTOM ENDPOINTS***

wp-api.org

Read the documentation!

Read the source code!



# ***CUSTOM ENDPOINTS***

```
function register_route( $routes ) {  
    $routes['/bp/activity'] = array(  
        array( 'get_all_activity', WP_JSON_Server::READABLE  
        )  
    );  
    return $routes;  
}  
add_filter( 'json_endpoints', 'register_route' );
```

# ***BP-API ENDPOINTS?***

- Activity </wp-json/bp/activity>
- Members </wp-json/bp/members>
- Groups </wp-json/bp/groups>

# ***APP FRAMEWORKS***

- F7 <http://www.idangero.us/framework7>
- Ionic <http://ionicframework.com>
- React <https://facebook.github.io/react-native/>

# DEMO

Demo	
<b>Andre S</b> hello	May 28, 2015 >
<b>michellie</b> Ut consequat. Curabitur molestie, erat eget aliquam porttitor, orci sem commodo risus, eget rhoncus or...	May 28, 2014 >
<b>chynna</b> Vivamus tempor. Proin pretium ante vel dolor. Sed mauris lorem, lobortis quis, vulputate sit amet, iacul...	May 26, 2014 >
<b>michellie</b> Nullam et enim at orci sagittis gravida. Nullam tincidunt, tortor quis pretium laoreet, eros neque...	May 23, 2014 >
<b>vernon</b> Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas....	May 23, 2014 >



# ***SLACK CHANNEL***

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