BP + WP-API
Creating Apps with BuddyPress and WP-API JSON REST API
Name: Ryan
Twitter: @modemlooper
Developer: @WebDevStudios
WHY DO I NEED AN APP?

APPS LOOKING FOR THEY ARE, YA YA BOY!
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

CONTENT

SHARE BUTTONS

User
Facebook
User
Twitter
User
Pinterest
THE REBEL APP ALLIANCE DESTROYED

CONTENT DISTRIBUTION
NEW CONTENT DISTRIBUTION

CONTENT PROVIDER

Facebook
User
User
User

Twitter
User
User
User

Pinterest
User
User
User
NEVER TELL ME THE ODDS!

APP USAGE STATISTICS

Mobile Browser

- 14%

Apps

- 86%

* Flurry, ComScore
JOIN THE REBEL ALLIANCE
BUDDYPRESS.org
BUDDYPRESS COMPONENTS

• Activity
• Profiles
• Messaging
• Groups
• Friending
• Notifications
• Settings
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

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

wphybrid.slack.com
wphybridapps@gmail.com