

Using the **WORDPRESS REST API**

*to power every
platform*

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```
1  <script>
2  function receiveData( data ) {
3      // Do something with the data here.
4      // For demonstration purposes, we'll simply log it.
5      console.log( data );
6  }
7  </script>
8  <script src="https://demo.wp-api.org/wp-json/?_jsonp=receiveData"
```

How enterprise content is managed:



How enterprise content is managed:

**Siloed content
Fragmented
Multiple owners
Governance issues**



Instead, why not use a system that...

Siloed access
Single source of truth



The image shows a dual-monitor setup. The left monitor displays the WordPress dashboard for the 'Higher Metric' site. The right monitor displays the 'Higher Metric' website homepage.

Left Monitor (WordPress Dashboard):

- Header: Posts < Higher Metric — WordPress.com
- Content Calendar and Conferences tabs are visible.
- Dashboard button.
- WP Engine button.
- Posts** (highlighted in red):
 - All (16) | Mine (9)
 - Bulk Actions:
 - Title
 - The death of "Dear Student" – Personalization in Higher Ed Enrollment Marketing
 - Don't Let Perfection Keep You From Launching
 - How To: Using Content Calendars
 - When should I start developing my website?
 - How To: Make Your Website Mobile-Friendly
 - Should you use a Content Management System (CMS)?
 - WPCampus
 - How To: Make Your Website Faster
 - 5 Steps to a Better Website
- All Posts, Add New, Categories, Tags, Media, Forms, Pages, Comments, Appearance, Plugins (3), Users, Tools, Visual Composer, Settings, Clients, Animated Columns.

Right Monitor (Website Homepage):

- Header: Insights – Higher Metric
- Content Calendar and Conferences tabs.
- Text: Personalized digital communications for Higher Ed.
- Logo: Higher Metric (green H).
- Navigation: HOME, SERVICES, TEAM, INSIGHTS (highlighted in green), CONTACT.
- Section: INSIGHTS FOR DIGITAL MARKETING IN HIGHER EDUCATION.
- Post 1: **The death of "Dear Student" – Personalization in Higher Ed Enrollment Marketing**
 - Posted by Dallin Harris in July 2017.
 - Text: Top colleges are finding that marketing personalization is key to unlocking more tours, more applications, and more deposits. In a 2016 study about marketing personalization, Accenture found that 65% of people are more likely to make a purchase if a brand shows them relevant information based on past activity. The exciting part is: we've now reached a point where the long-awaited dream of personalized marketing at scale is finally both possible and practical, even for small [...]
 - Read More button.
- Post 2: **Don't Let Perfection Keep You From Launching**
 - Posted by John Gough in July 2017.
 - Text: If your site passes these four tests, you're ready to launch. They say you can't let perfect be the enemy of good, and that's absolutely true. So let's get started! The first test is to make sure your website has a solid foundation. This means having a clear purpose, a strong message, and a user-friendly design. Once you've got those basics down, it's time to move on to the next test: getting your website noticed. This means creating high-quality content that people will want to share, and using social media to spread the word. Finally, it's time to test your website's performance. This means checking for errors, fixing them, and making sure your website is fast and responsive. If you pass all four tests, you're ready to launch!

WP REST API as MVC



Model

WP Database



View

Front-end



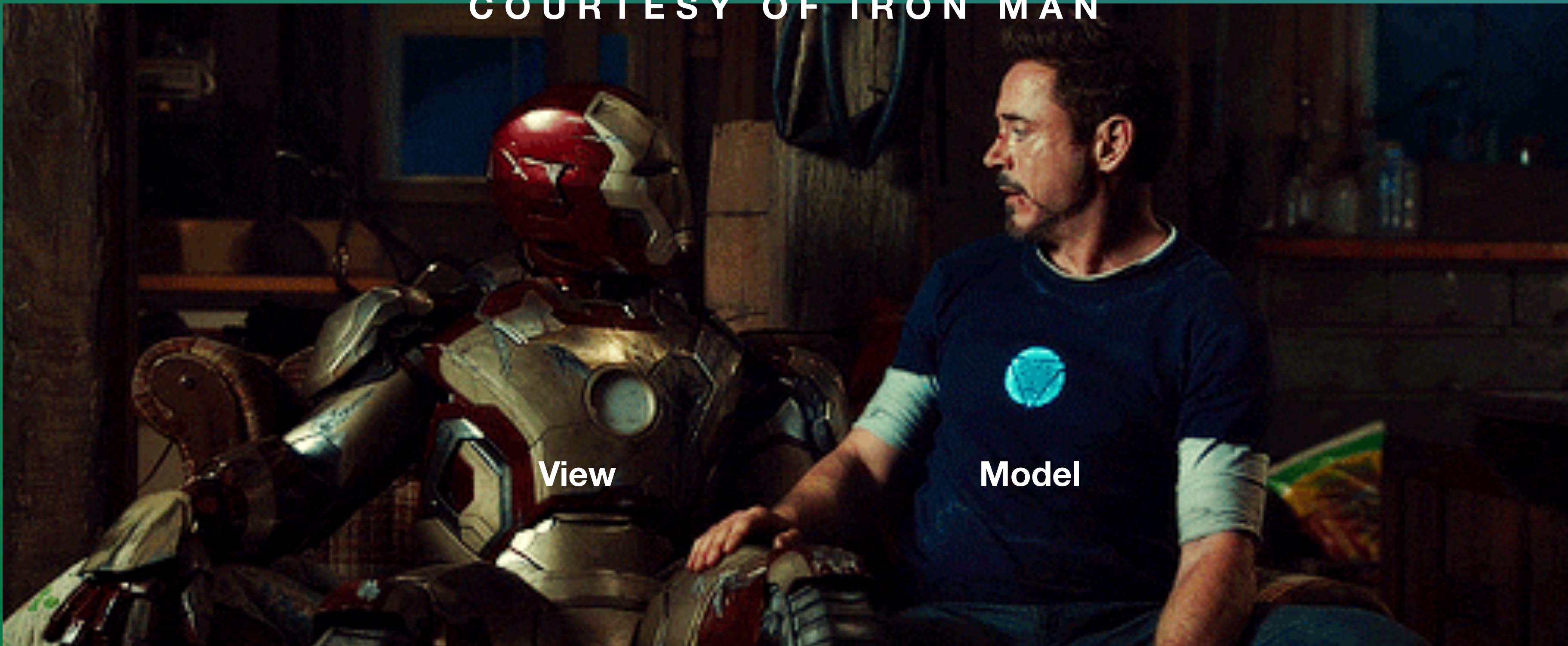
Controller

REST API



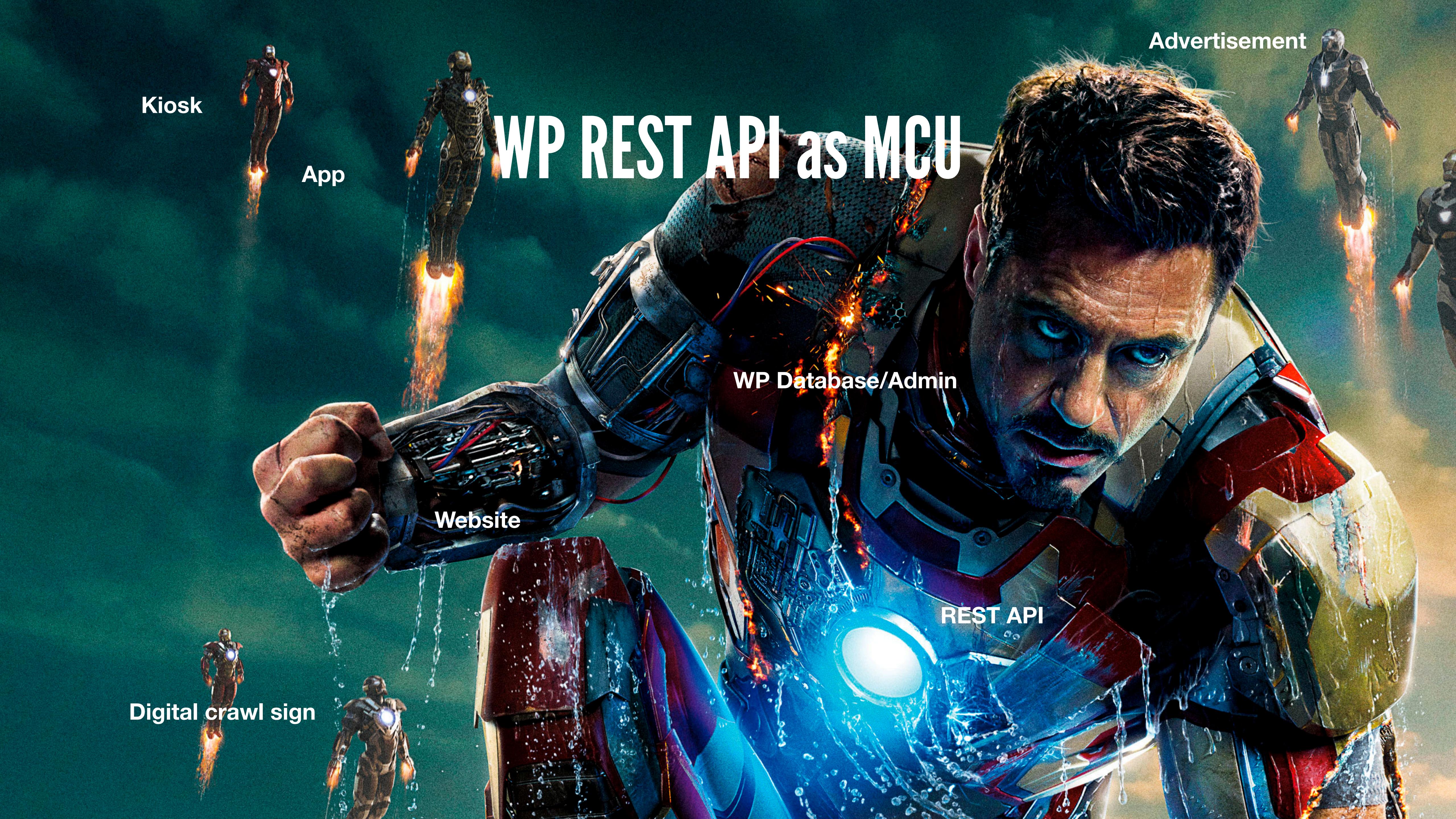
WP REST API as MCU

COURTESY OF IRON MAN



JARVIS is the Controller



A dramatic scene from the Iron Man movie. Tony Stark, played by Robert Downey Jr., is shown in his Iron Man suit, looking intensely at the viewer. He is surrounded by fire and smoke, with several smaller Iron Man suits flying around him. The background is dark and smoky.

Advertisement

WP REST API as MCU

Kiosk

App

WP Database/Admin

Website

REST API

Digital crawl sign

PEOPLE ARE USING THE API FOR LOTS OF STUFF

Building sites with JS frontends with WP backends

Mobile app development with WordPress as CMS

Replacing AJAX on their site

Publishing across installs within a single enterprise

Clearing a permanent cache to optimize server usage

**Automating backend processes with other services like
Infusionsoft or Slack**

and more...



USE CASE: EVENTS



USE CASE: EVENTS

What do we need to show?

- Title
- Date
- Duration
- Category
- Presenter(s)
 - Name
 - Link
- Location
 - Address
 - Building name
 - Room number
 - Google map link
 - Number in a series
- Description
 - Long
 - Short
 - Primary contact
 - Registration
 - Cost
 - Link

And any other data or metadata you want to include...



University Site

The wireframe displays a mobile application interface for 'PHX University'. At the top, there is a header bar with three circular icons on the left and a 'Menu' button with three horizontal lines on the right. Below the header, the title 'PHX University' is centered. The main content area is titled 'Upcoming Events' and contains six event cards arranged in a 2x3 grid.

Event Title	Date	Time
Best Lecture Series: How to deal with REST API Requests	October 28	3:15 pm
Best Lecture Series: Dawn of Time 2	July 19	10:00 am
Jim Davis: American Hero	July 19	6:00 pm
Wurst Lecture Series: Apocalypse	August 16	6:00 pm
Common Ground	September 13	12:30 pm
Best Lecture Series: Dawn of Time	October 19	10:00 am



Learn more about PHX University

Donec sed odio dui. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at eget metus. Cras mattis consectetur purus sit amet fermentum. Curabitur blandit tempus porttitor. Nulla vitae elit libero, a pharetra augue.

```
19 /**
20   * Register Event Post Type.
21   *
22   * @since 1.0.0
23   */
24 function phx_university_register_event_post_type() {
25   register_post_type( 'event', array(
26     'labels'          => array( ...
40     ),
41     'public'          => true,
42     'hierarchical'    => false,
43     'show_ui'          => true,
44     'show_in_nav_menus' => true,
45     'supports'         => array( 'title', 'editor' ),
46     'has_archive'       => false,
47     'rewrite'          => array( 'slug' => 'events' ),
48     'query_var'        => true,
49     'menu_icon'         => 'dashicons-calendar-alt',
50     'show_in_rest'       => true,
51     'rest_base'         => 'events',
52     'rest_controller_class' => 'WP_REST_Posts_Controller',
53     'menu_position'      => 3,
54   ) );
55 }
```



Events Post Type

Events < PHX University — WordPress

Secure | https://phxuniversity.wpengine.com/wp-admin/edit.php?post_type=event

PHX University 0 + New Howdy, PHX University

Dashboard Events Add New

Events All Events Add New Location Category Posts Media Pages Comments Appearance Plugins Users Tools Settings Custom Fields Collapse menu

Events Post Type

Bulk Actions	Apply	All dates	Locations	Categories	Start Date	End Date	Filter	10 items
<input type="checkbox"/>	Title		Location	Category	Start Date	End Date		
<input type="checkbox"/>	Best Lecture Series: How to deal with REST API Requests		Harris Center, Main Auditorium, University	Lecture Series, Orientation, Student Ambassadors	October 28, 2017	October 28, 2017		
<input type="checkbox"/>	Best Lecture Series: Dawn of Time 2		Harris Center, Main Auditorium, University	Lecture Series, Student Ambassadors	July 19, 2018	July 19, 2018		
<input type="checkbox"/>	Jim Davis: American Hero		Harris Center, Room 1984, University	Lecture Series, Student Ambassadors	July 19, 2018	July 12, 2018		
<input type="checkbox"/>	Wurst Lecture Series: Apocalypse		Harris Center, Main Auditorium, University	Lecture Series, Student Ambassadors	August 16, 2018	August 16, 2018		
<input type="checkbox"/>	Common Ground		Harris Center, Main Auditorium, University	Lecture Series, Student Ambassadors	September 13, 2018	September 13, 2018		
<input type="checkbox"/>	Best Lecture Series: Dawn of Time		Harris Center, Main Auditorium, University	Lecture Series, Student Ambassadors	October 19, 2018	October 19, 2018		
<input type="checkbox"/>	Telescopes 101		Harris Center	Lecture Series, Orientation	November 22, 2018	November 22, 2018		
<input type="checkbox"/>	Welcome Address for Students &		Harris Center, University	Lecture Series, Orientation	December 21, 2017	December 21, 2017		

```
90v /**
91 * Event Category - Taxonomy
92 *
93 * @since 1.0.0
94 */
95v function phx_university_register_event_category_taxonomy() {
96 >     $labels = array( ...
108 );
109
110v     $args = array(
111         'hierarchical'      => true,
112         'labels'            => $labels,
113         'show_ui'           => true,
114         'show_admin_column' => true,
115         'query_var'         => true,
116         'rewrite'           => array( 'slug' => 'event-category' ),
117         'show_in_rest'       => true,
118     );
119
120     register_taxonomy( 'event-category', array( 'event' ), $args );
121 }
```



```
57▽ /**
58 * Event Location - Taxonomy
59 *
60 * @since 1.0.0
61 */
62▽ function phx_university_register_event_location_taxonomy() {
63>     $labels = array( 'name' => 'Event Location',
64>                     'singular_name' => 'Event Location',
65>                     'menu_name' => 'Event Locations',
66>                     'all_items' => 'All Event Locations',
67>                     'parent_item' => 'Parent Event Location',
68>                     'parent_item_colon' => 'Parent Event Location:',
69>                     'search_items' => 'Search Event Locations',
70>                     'popular_items' => 'Popular Event Locations',
71>                     'current_item' => 'Current Event Location',
72>                     'current_item_colon' => 'Current Event Location:',
73>                     'edit_item' => 'Edit Event Location',
74>                     'update_item' => 'Update Event Location',
75>                     'add_new_item' => 'Add New Event Location',
76>                     'new_item_name' => 'New Event Location Name',
77>                     'separate_items_navigation' => true,
78>                     'search_button' => 'Search',
79>                     'add_new' => 'Add New',
80>                     'add_new_and_search' => 'Add New & Search',
81>                     'not_found' => 'No Event Locations found',
82>                     'not_found_message' => 'No Event Locations found. Try a different search term.' );
83>     $args = array(
84>         'hierarchical'      => true,
85>         'labels'            => $labels,
86>         'show_ui'           => true,
87>         'show_admin_column' => true,
88>         'query_var'         => true,
89>         'rewrite'           => array( 'slug' => 'event-location' ),
90>         'show_in_rest'      => true,
91>     );
92>     register_taxonomy( 'event-location', array( 'event' ), $args );
93> }
```



AOF PRO



Events ACF Fields

Edit Field Group < PHX Univers Cory Crowley

Secure | https://phxuniversity.wpengine.com/wp-admin/post.php?post=35&action=edit

PHX University 0 + New Howdy, Higher Metric

Screen Options ▾

Dashboard Events Posts Media Pages Comments Appearance Plugins Users Tools Settings Custom Fields

Add New

Edit Field Group

Event Data

Order	Label	Name	Type
1	Date / Time		Tab
2	Event: Start Date	event_start_date	Date Picker
3	Event: Start Time	event_start_time	Time Picker
4	Event: End Date	event_end_date	Date Picker
5	Event: End Time	event_end_time	Time Picker
6	Presenter		Tab
7	Presenters Name	presenters_name	Text
8	Presenters Link	presenters_link	Text

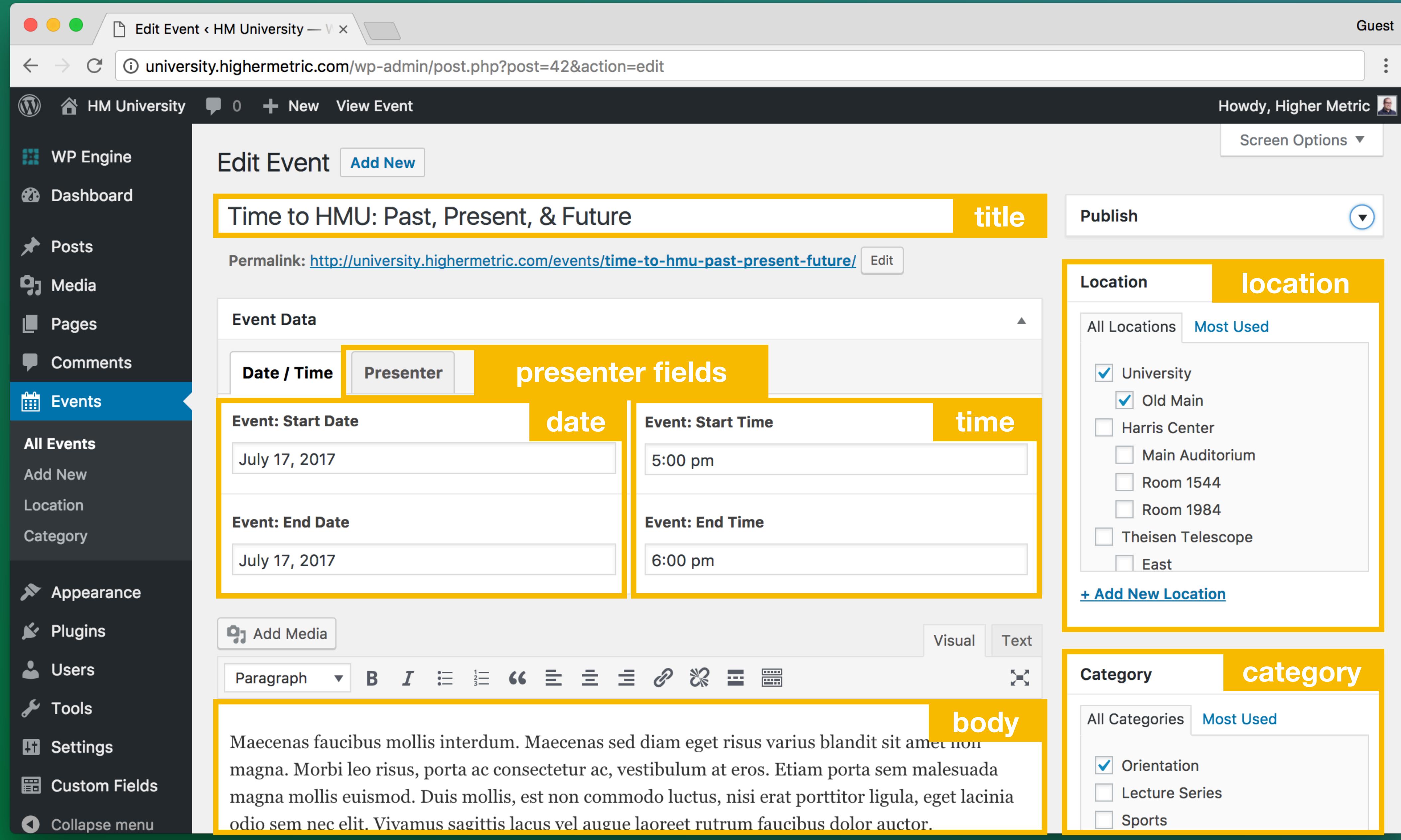
+ Add Field

Publish

Status: Active
Published on: Jul 11, 2017 @ 16:19

Move to Trash Update

192.168.95.100



```
57
58    <div class="events clearfix">
59        <?php while ( $events_query->have_posts() ) { $events_query->the_post();
60            $event_start_date = get_field( 'event_start_date' );
61            $event_start_date_formatted = date( 'F j', strtotime( $event_start_date ) );
62            $event_start_time = get_field( 'event_start_time' );
63        ?>
64        <a class="event" href="<?php the_permalink(); ?>">
65            Title          <h3 class="event-title"><span class="event-title-inner"><?php the_title(); ?></span></h3>
66            <span class="event-date">
67                <i class="fa fa-calendar left" aria-hidden="true"></i>
68            Start Date      <span class="event-date-text"><?php echo esc_attr( $event_start_date_formatted ); ?></span>
69            </span>
70            <span class="event-time">
71                <i class="fa fa-clock-o left" aria-hidden="true"></i>
72            Start Time      <span class="event-time-text"><?php echo esc_attr( $event_start_time ); ?></span>
73            </span>
74        </a>
75        <?php } wp_reset_query(); wp_reset_postdata(); ?>
76    </div>
77</div>
```



The wireframe displays a mobile application interface for 'PHX University'. At the top, there is a header bar with three circular icons on the left and a 'Menu' button with a three-line icon on the right. Below the header, the title 'PHX University' is centered. The main content area is titled 'Upcoming Events' and contains six event cards arranged in a 2x3 grid.

Event Title	Date	Time
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Common Ground	September 13	12:30 pm
Best Lecture Series: Dawn of Time	October 19	10:00 am



Learn more about PHX University

Donec sed odio dui. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at eget metus. Cras mattis consectetur purus sit amet fermentum. Curabitur blandit tempus porttitor. Nulla vitae elit libero, a pharetra augue.

Events Kiosk

SATURDAY, OCTOBER 28

Today's Weather: ☀️ Sunny and 74 degrees

WELCOME TO THE HARRIS CENTER

Harris Center Interactive Map





WP REST API



HTML



```
19 /**
20   * Register Event Post Type.
21   *
22   * @since 1.0.0
23   */
24 function phx_university_register_event_post_type() {
25   register_post_type( 'event', array(
26     'labels'          => array( ...
40     ),
41     'public'          => true,
42     'hierarchical'    => false,
43     'show_ui'          => true,
44     'show_in_nav_menus' => true,
45     'supports'         => array( 'title', 'editor' ),
46     'has_archive'       => false,
47     'rewrite'          => array( 'slug' => 'events' ),
48     'query_var'        => true,
49     'menu_icon'         => 'dashicons-calendar-alt',
50     'show_in_rest'      => true,
51     'rest_base'         => 'events',
52     'rest_controller_class' => 'WP_REST_Posts_Controller',
53     'menu_position'     => 3,
54   ) );
55 }
```

REST API



```
90 √ /**
91 * Event Category - Taxonomy
92 *
93 * @since 1.0.0
94 */
95 √ function phx_university_register_event_category_taxonomy() {
96 >     $labels = array( ...
108 );
109
110 √     $args = array(
111         'hierarchical'      => true,
112         'labels'            => $labels,
113         'show_ui'           => true,
114         'show_admin_column' => true,
115         'query_var'         => true,
116         'rewrite'           => array( 'slug' => 'event-category' ),
REST Api     'show_in_rest'       => true,
118 );
119
120     register_taxonomy( 'event-category', array( 'event' ), $args );
121 }
```



```
57▽ /**
58 * Event Location - Taxonomy
59 *
60 * @since 1.0.0
61 */
62▽ function phx_university_register_event_location_taxonomy() {
63>     $labels = array( ...
75 );
76
77▽     $args = array(
78         'hierarchical'      => true,
79         'labels'            => $labels,
80         'show_ui'           => true,
81         'show_admin_column' => true,
82         'query_var'         => true,
83         'rewrite'           => array( 'slug' => 'event-location' ),
84         'show_in_rest'       => true,
85     );
86
87     register_taxonomy( 'event-location', array( 'event' ), $args );
88 }
```

REST Api



Event REST Api Routes

The screenshot shows a browser window displaying the WordPress REST API routes for version 2. The URL is `phxuniversity.wpengine.com/wp-json/wp/v2/`. The page lists various routes with their corresponding URLs and item counts. Two specific sections of routes are highlighted with yellow boxes:

- Events Section (highlighted in yellow):**
 - `"/wp/v2/events": { ... }, // 4 items`
 - `"/wp/v2/events/(?P<id>[\d]+)": { ... }, // 3 items`
- Event Location Section (highlighted in yellow):**
 - `"/wp/v2/event-location": { ... }, // 4 items`
 - `"/wp/v2/event-location/(?P<id>[\d]+)": { ... }, // 3 items`

The browser interface includes a sidebar with icons for file, copy, and paste, and a top bar with the user name "Cory Crowley". The code editor has a "Theme: Dawn" dropdown, a "Raw" button, and a "Parsed" button.

```
1  {
2   "namespace": "wp/v2",
3   "routes": {
4     "/wp/v2": { ... }, // 4 items
5     "/wp/v2/posts": { ... }, // 4 items
6     "/wp/v2/posts/(?P<id>[\d]+)": { ... }, // 3 items
7     "/wp/v2/posts/(?P<parent>[\d]+)/revisions": { ... }, // 3 items
8     "/wp/v2/posts/(?P<parent>[\d]+)/revisions/(?P<id>[\d]+)": { ... }, // 3 items
9     "/wp/v2/pages": { ... }, // 4 items
10    "/wp/v2/pages/(?P<id>[\d]+)": { ... }, // 3 items
11    "/wp/v2/pages/(?P<parent>[\d]+)/revisions": { ... }, // 3 items
12    "/wp/v2/pages/(?P<parent>[\d]+)/revisions/(?P<id>[\d]+)": { ... }, // 3 items
13    "/wp/v2/media": { ... }, // 4 items
14    "/wp/v2/media/(?P<id>[\d]+)": { ... }, // 3 items
15    "/wp/v2/events": { ... }, // 4 items
16    "/wp/v2/events/(?P<id>[\d]+)": { ... }, // 3 items
17    "/wp/v2/types": { ... }, // 4 items
18    "/wp/v2/types/(?P<type>[\w-]+)": { ... }, // 3 items
19    "/wp/v2/statuses": { ... }, // 4 items
20    "/wp/v2/statuses/(?P<status>[\w-]+)": { ... }, // 3 items
21    "/wp/v2/taxonomies": { ... }, // 4 items
22    "/wp/v2/taxonomies/(?P<taxonomy>[\w-]+)": { ... }, // 3 items
23    "/wp/v2/categories": { ... }, // 4 items
24    "/wp/v2/categories/(?P<id>[\d]+)": { ... }, // 3 items
25    "/wp/v2/tags": { ... }, // 4 items
26    "/wp/v2/tags/(?P<id>[\d]+)": { ... }, // 3 items
27    "/wp/v2/event-location": { ... }, // 4 items
28    "/wp/v2/event-location/(?P<id>[\d]+)": { ... }, // 3 items
29    "/wp/v2/event-category": { ... }, // 4 items
30    "/wp/v2/event-category/(?P<id>[\d]+)": { ... }, // 3 items
31    "/wp/v2/users": { ... }, // 4 items
32    "/wp/v2/users/(?P<id>[\d]+)": { ... }, // 3 items
33    "/wp/v2/users/me": { ... }, // 4 items
34    "/wp/v2/comments": { ... }, // 4 items
35    "/wp/v2/comments/(?P<id>[\d]+)": { ... }, // 3 items
36    "/wp/v2/settings": { ... } // 4 items
37  },
38  "_links": { ... } // 1 item
39}
```

<https://wordpress.org/plugins/acf-to-rest-api/>

{ ACF ^T_O REST-API }



index.php — phx-kiosk

index.php app.js

```
45
46    <div class="sidebar">
47        <h2>Harris Center Events</h2>
48
49    Wait <div class="events" :class="{ 'active' : hasEvents }">
50        <div class="event-wrapper clearfix">
51            <a v-for="event in events" :key="event.id" :href="event.link" target="_blank" class="event">
52                Event Title <h3 class="event-title"><div v-html="event.title.rendered"></div></h3>
53                <span class="event-meta">
54                    <span class="time">
55                        <i class="fa fa-clock-o" aria-hidden="true"></i>
56                Event Start <span class="time-text">{{ event.acf.event_start_time }}</span>
57                </span>
58                <span class="sep">|</span>
59                <span class="location">
60                    <i class="fa fa-map-marker" aria-hidden="true"></i>
61                Event Location <span class="location-text">{{ event.location }}</span>
62                </span>
63                </span>
64            </a><!-- /event -->
65        </div><!-- /event-wrapper -->
66    </div><!-- /events -->
```



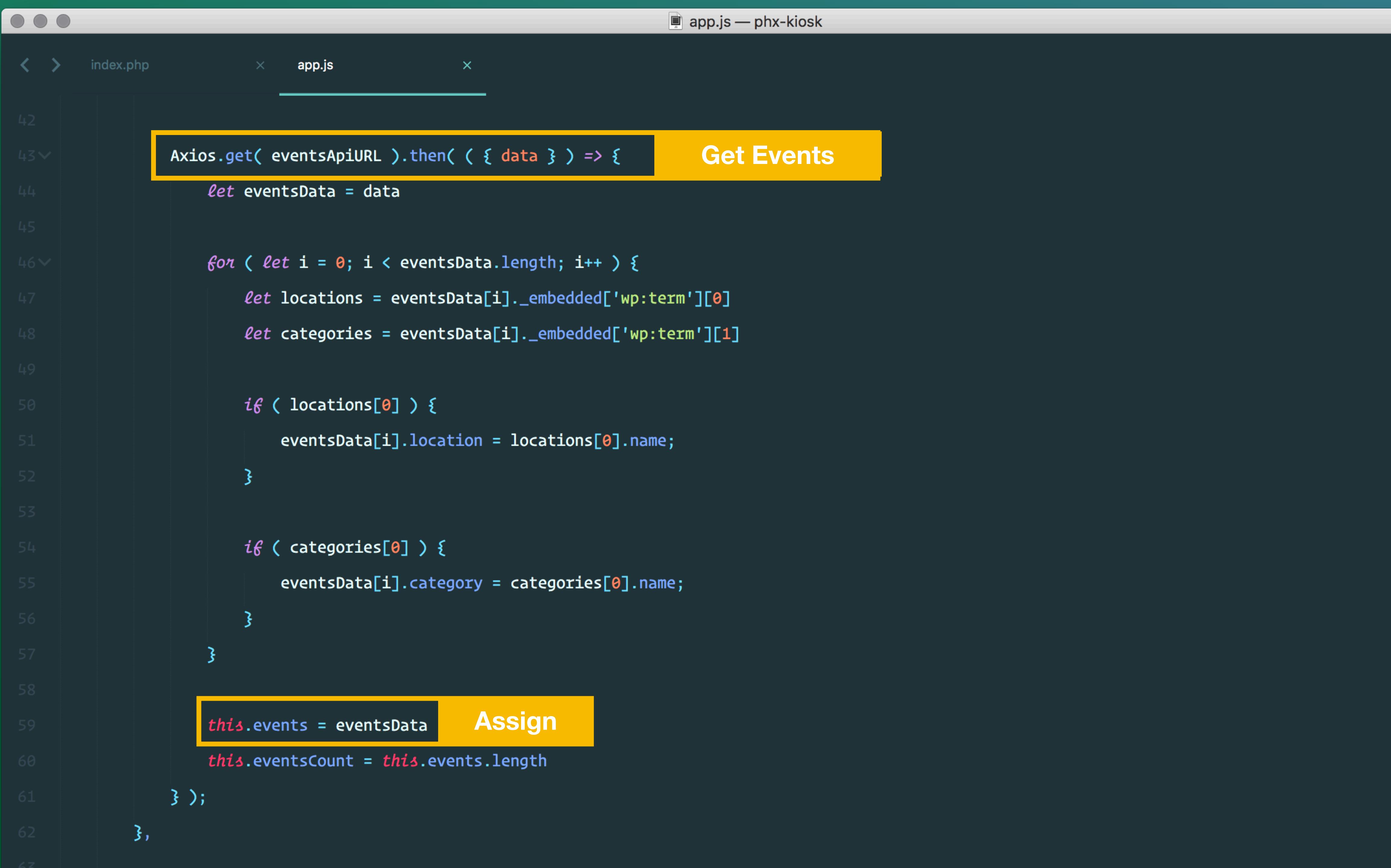
app.js — phx-kiosk

index.php

app.js

```
1 import Vue from 'vue'
2 import Axios from 'axios'
3
4 let eventsApiURL = 'https://phxuniversity.wpengine.com/wp-json/wp/v2/events/?_embed&per_page=10'
5 let postsApiUrl = 'https://phxuniversity.wpengine.com/wp-json/wp/v2/posts/?_embed&per_page=10'
6
7 new Vue( {
8   el: '#app', Initialize
9
10  data: {
11    eventLocation: '9', // Harris Center Location
12    eventCategory: '', // Any Category
13    eventsCount: '',
14    events: {},
15    posts: {}
16  },
17
18  created() {
19    this.fetchEvents() Location
20    this.fetchPosts()
21  }
22}
```





index.php

app.js

app.js — phx-kiosk

```
42
43 Axios.get( eventsApiURL ).then( ( { data } ) => {
44   let eventsData = data
45
46   for ( let i = 0; i < eventsData.length; i++ ) {
47     let locations = eventsData[i]._embedded['wp:term'][0]
48     let categories = eventsData[i]._embedded['wp:term'][1]
49
50     if ( locations[0] ) {
51       eventsData[i].location = locations[0].name;
52     }
53
54     if ( categories[0] ) {
55       eventsData[i].category = categories[0].name;
56     }
57   }
58
59   this.events = eventsData
60   this.eventsCount = this.events.length
61 }
62
63,
```

Events Kiosk

SATURDAY, OCTOBER 28

Today's Weather: ☀️ Sunny and 74 degrees

WELCOME TO THE HARRIS CENTER

Harris Center Interactive Map



Orientation App

The image shows a smartphone displaying the HMU Orientation app. The screen has a light gray header bar with rounded corners at the top. Below the header is a dark gray navigation bar containing the text "HMU Orientation" in white on the left and a "Menu" button with three horizontal lines on the right. The main content area is white and features a date and time section at the top. Below this, there are two event cards, each consisting of a title, a timestamp with location, and a small circular icon.

SATURDAY JULY 15 4 EVENTS

Telescopes 101

⌚ 9:00 am | 📍 Main Auditorium

Welcome Address for Students & Family

⌚ 8:00 am | 📍 Main Auditorium

On the far left edge of the phone, there are two small circular icons: one blue with the letters "fmu" and one red with a stylized letter "S".

Event REST Api Routes

The screenshot shows a browser window displaying the WordPress REST API routes for version 2. The URL is `phxuniversity.wpengine.com/wp-json/wp/v2/`. The page lists various routes with their corresponding URLs and item counts. Two specific sections of routes are highlighted with yellow boxes:

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 - `"/wp/v2/events": { ... }, // 4 items`
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- Event Location Section (highlighted in yellow):**
 - `"/wp/v2/event-location": { ... }, // 4 items`
 - `"/wp/v2/event-location/(?P<id>[\d]+)": { ... }, // 3 items`

The browser interface includes a sidebar with icons for file, copy, and paste, and a top bar with the title "Cory Crowley". The code editor has a "Theme: Dawn" dropdown, a "Raw" button, and a "Parsed" button.

```
1  {
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7     "/wp/v2/posts/(?P<parent>[\d]+)/revisions": { ... }, // 3 items
8     "/wp/v2/posts/(?P<parent>[\d]+)/revisions/(?P<id>[\d]+)": { ... }, // 3 items
9     "/wp/v2/pages": { ... }, // 4 items
10    "/wp/v2/pages/(?P<id>[\d]+)": { ... }, // 3 items
11    "/wp/v2/pages/(?P<parent>[\d]+)/revisions": { ... }, // 3 items
12    "/wp/v2/pages/(?P<parent>[\d]+)/revisions/(?P<id>[\d]+)": { ... }, // 3 items
13    "/wp/v2/media": { ... }, // 4 items
14    "/wp/v2/media/(?P<id>[\d]+)": { ... }, // 3 items
15    "/wp/v2/events": { ... }, // 4 items
16    "/wp/v2/events/(?P<id>[\d]+)": { ... }, // 3 items
17    "/wp/v2/types": { ... }, // 4 items
18    "/wp/v2/types/(?P<type>[\w-]+)": { ... }, // 3 items
19    "/wp/v2/statuses": { ... }, // 4 items
20    "/wp/v2/statuses/(?P<status>[\w-]+)": { ... }, // 3 items
21    "/wp/v2/taxonomies": { ... }, // 4 items
22    "/wp/v2/taxonomies/(?P<taxonomy>[\w-]+)": { ... }, // 3 items
23    "/wp/v2/categories": { ... }, // 4 items
24    "/wp/v2/categories/(?P<id>[\d]+)": { ... }, // 3 items
25    "/wp/v2/tags": { ... }, // 4 items
26    "/wp/v2/tags/(?P<id>[\d]+)": { ... }, // 3 items
27    "/wp/v2/event-location": { ... }, // 4 items
28    "/wp/v2/event-location/(?P<id>[\d]+)": { ... }, // 3 items
29    "/wp/v2/event-category": { ... }, // 4 items
30    "/wp/v2/event-category/(?P<id>[\d]+)": { ... }, // 3 items
31    "/wp/v2/users": { ... }, // 4 items
32    "/wp/v2/users/(?P<id>[\d]+)": { ... }, // 3 items
33    "/wp/v2/users/me": { ... }, // 4 items
34    "/wp/v2/comments": { ... }, // 4 items
35    "/wp/v2/comments/(?P<id>[\d]+)": { ... }, // 3 items
36    "/wp/v2/settings": { ... } // 4 items
37  },
38  "_links": { ... } // 1 item
39}
```



< > app.js

X mobile.php X

```
39<div class="content">  
40<div class="events-meta clearfix">  
41    <span class="events-date">Saturday July 15</span>  
42    Count <span class="events-number" v-if="hasEvents"><span class="number">{{ eventsCount }}</span> Events</span>  
43</div>  
44  
45    Wait <div class="events" :class="{ 'active' : hasEvents }">  
46        <a v-for="event in events" :key="event.id" :href="event.link" class="event" target="_blank">  
47            Title <h3 class="event-title"><span v-html="event.title.rendered"></span></h3>  
48            <span class="event-meta">  
49                <span class="time">  
50                    <i class="fa fa-clock-o" aria-hidden="true"></i>  
51                    <span class="time-text">{{ event.acf.event_start_time }}</span>  
52                </span>  
53                <span class="sep">|</span>  
54                <span class="location">  
55                    <i class="fa fa-map-marker" aria-hidden="true"></i>  
56                    <span class="location-text">{{ event.location }}</span>  
57                </span>  
58            </span>  
59        </a>  
60    </div><!-- /events -->
```





< > app.js X

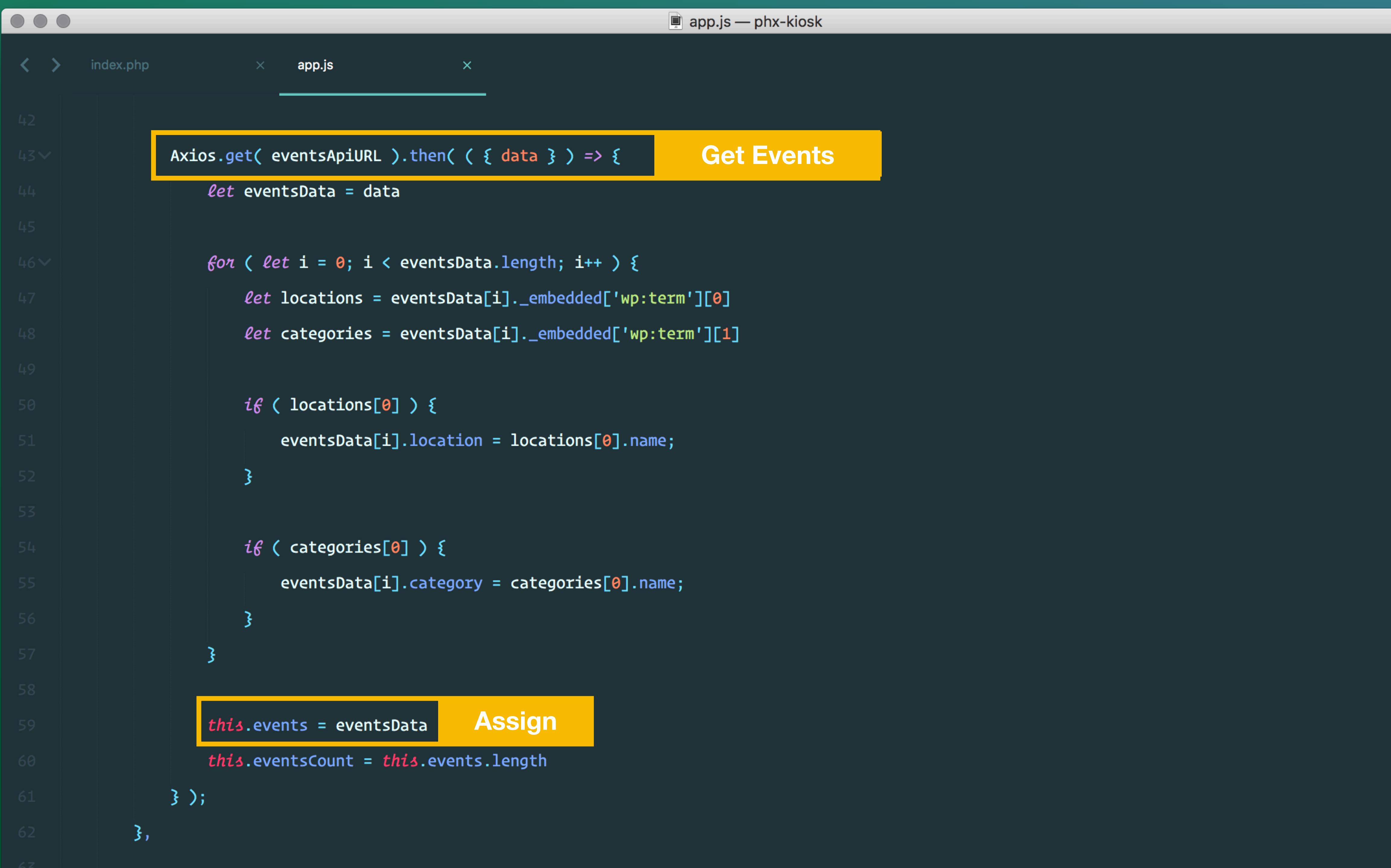
mobile.php X

```
1 import Vue from 'vue'  
2 import Axios from 'axios'  
3  
4 let eventsApiURL = 'https://phxuniversity.wpengine.com/wp-json/wp/v2/events/?_embed&per_page=6'  
5
```

Url

```
6 new Vue({  
7   el: '#app', Initialize  
8  
9   data: {  
10     eventLocation: '12,14', // University Location  
11     eventCategory: '5,6', // Only Orientation, Student Ambassadors Category Category  
12     eventsCount: '',  
13     events: {}  
14   },  
15  
16   created() {  
17     this.fetchEvents()  
18   },  
19  
20   filters: {  
21     encode: function(v) {  
22       return v;
```





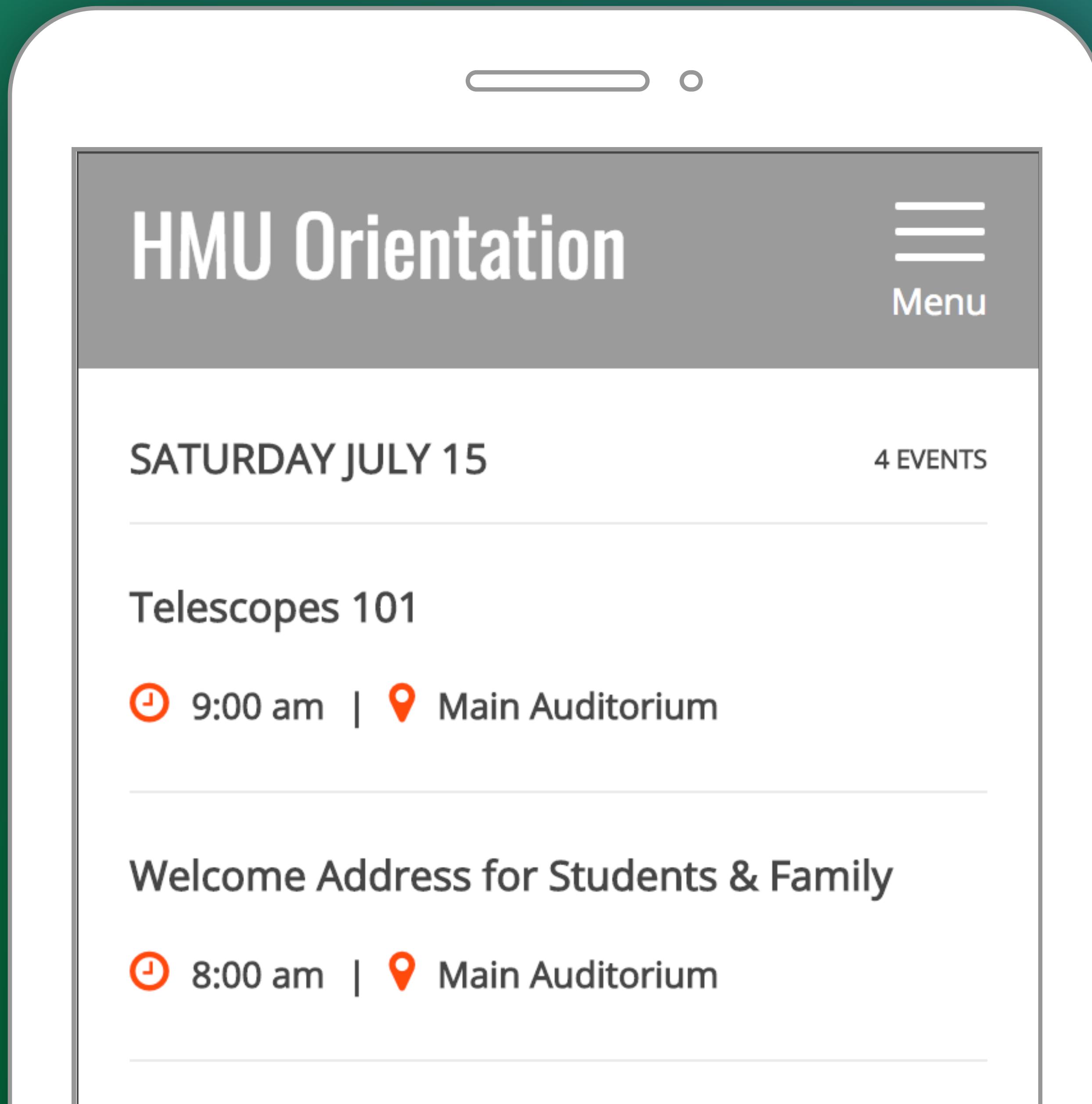
index.php

app.js

app.js — phx-kiosk

```
42
43 Axios.get( eventsApiURL ).then( ( { data } ) => {
44     let eventsData = data
45
46     for ( let i = 0; i < eventsData.length; i++ ) {
47         let locations = eventsData[i].__embedded['wp:term'][0]
48         let categories = eventsData[i].__embedded['wp:term'][1]
49
50         if ( locations[0] ) {
51             eventsData[i].location = locations[0].name;
52         }
53
54         if ( categories[0] ) {
55             eventsData[i].category = categories[0].name;
56         }
57     }
58
59     this.events = eventsData
60     this.eventsCount = this.events.length
61   } );
62
63,
```

Orientation App





Credits



Cat herding commercial by EDS
Iron Man 3 by Marvel Studios
Repulsor icon created by Alex Krummenacher for the Noun Project



@john_gough @corycrowley | #WCPHX

**“Our imagination is the only limit to
what can be done with the WordPress
REST API.”**

WP CRED\$:

phxuniversity

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CREDS:

demo

phxuniversity

LINKS

<https://github.com/corycrowley/phx-kiosk>

<https://phxuniversity.wpengine.com/phx-kiosk/>

<https://github.com/corycrowley/phx-orientation>

<https://phxuniversity.wpengine.com/phx-orientation/>

<https://github.com/corycrowley/phx-university>

<https://phxuniversity.wpengine.com/>

