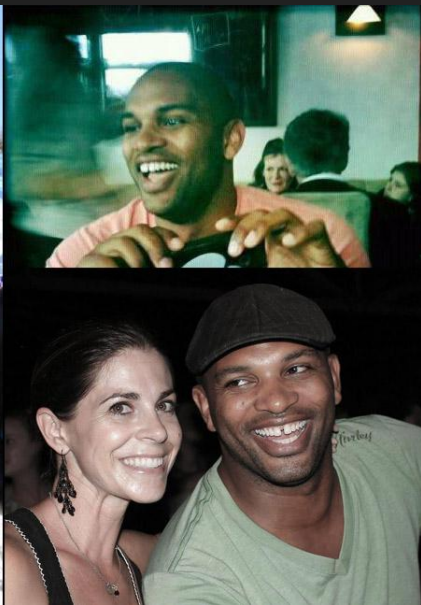


Building Mobile Apps

Using Wordpress

Kharron Reid

Sorry, I speak english
Lo siento, mi espanol es malo



Currently Running SenorCoders.com

Attended Boston University

Moved to Nicaragua from San Diego, CA

In web development since 1998
(yes, that long)

Worked for ROIDna.com in San Francisco, CA

Did major work for CrowdStrike, Rdio, Dropbox, Gregg Kidd (twitter)

What is an API?

Application

Program

Interface

REQUEST

AUTHENTICATION

RESPONSE

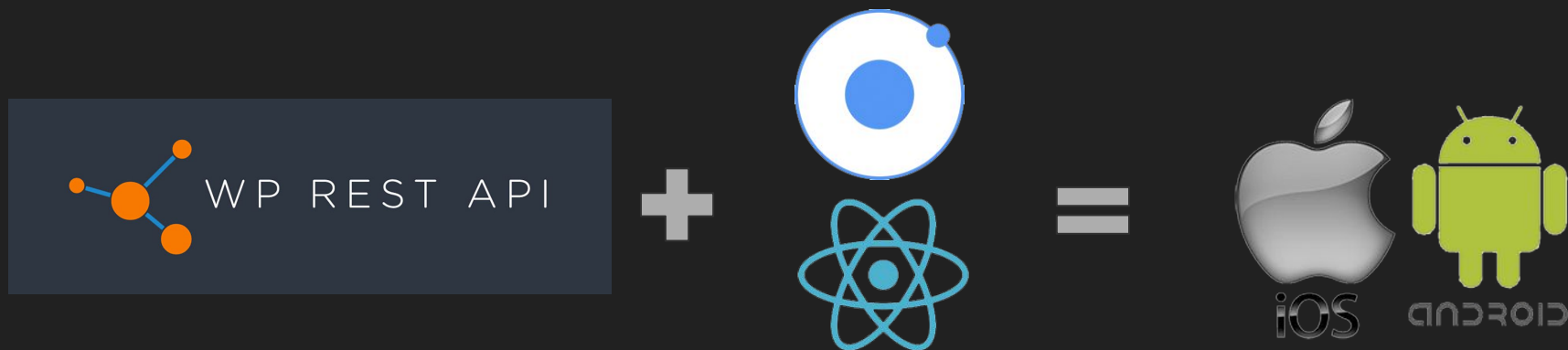


Wordpress

25% of all Websites are built with WP

That's a lot of data!

Leverage the data of WP with WP Rest API



React Native

Use React to build Native Apps

Yes. Native!

Differentiate between OS's

Runs Fast

Still pretty new

Ionic

Use Ionic to build “write-once”
distribute to all apps

Now works with Angular 2

Large community

Uses WebView

Slow on Android



WP Rest Issues

WP Rest API returns JSON

JSON cannot store all formats of data like PHP (i.e. custom objects)

Associative arrays and objects look the same

There are security issues passing serialized data through an API

WP often puts protected and private properties of objects in serialized data

Thats awesome, so now what?

Take your WP apps now and turn them into mobile apps.

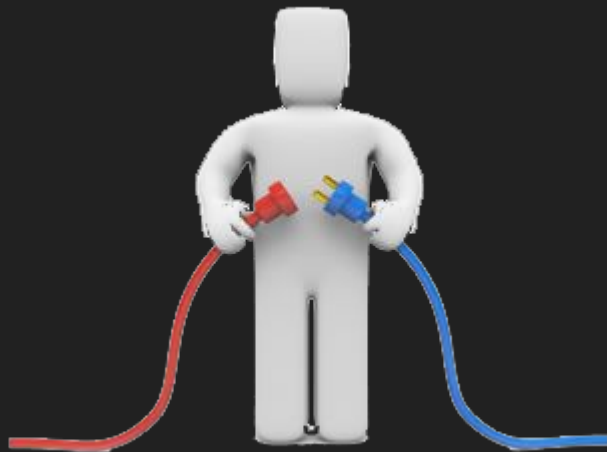
Build your WP site

Add WP Rest API (and other plugins to help)

ACF to REST API

Create a simple mobile app

Connect the two



So...

Lets make something work

- 1) Create a Wordpress Site
- 2) Makes some posts
- 3) Create a Mobile App
- 4) Pull those posts into the app

Steps to start

Create WP site

Set permalinks

Add WP Rest API plugin

Test API

`yoursite.com/wp-json/wp/v2/posts`

See Response

It's Alive!!



JSON Results from posts requests

```
[
  {
    id: 4,
    date: "2016-05-21T14:43:19",
    date_gmt: "2016-05-21T14:43:19",
    - guid: {
      rendered: "http://wpapi.senorcoders.com/?p=4"
    },
    modified: "2016-05-21T14:43:19",
    modified_gmt: "2016-05-21T14:43:19",
    slug: "post-1",
    type: "post",
    link: "http://wpapi.senorcoders.com/post-1/",
    - title: {
      rendered: "Post 1"
    },
    - content: {
      rendered: "<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum</p> "
    },
    - excerpt: {
      rendered: "<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat &hellip;<a href='\"http://wpapi.senorcoders.com/post-1/\"' class='\"more-link\">Continue reading</a></p> "
    },
    author: 1,
    featured_media: 0,
    comment_status: "open",
    ping_status: "open",
    sticky: false,
    format: "standard",
    - categories: [
      1
    ],
    tags: [ ],
    - _links: {
      - self: [
        - {
          href: "http://wpapi.senorcoders.com/wp-json/wp/v2/posts/4"
        }
      ],
      - collection: [
        - {
          href: "http://wpapi.senorcoders.com/wp-json/wp/v2/posts"
        }
      ],
      - about: [
        - {
          href: "http://wpapi.senorcoders.com/wp-json/wp/v2/types/post"
        }
      ],
      1.
    }
  }
]
```

Now for your Mobile app

Install your new app

```
react-native init wpapi;
```

Update your app to fetch your new API calls

Render your responses.

Who already WP Api?

Fashion4me

Human Made: <https://hmn.md/>

Focused on Fit: <https://focusedonfit.com/>

Aesop Story Engine: <http://aesopstoryengine.com/>

Other Uses for WP API

Plugin Development

Connecting to Front-end Javascript

THANKS!

Gracias!