

Using WordPress as a Web Application Platform

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About Joe

- Graphic Design major
- Self taught Web Developer for 19+ years
- Current work full-time at Lorain County Community College for 17+ years.
- WordPress experience last 5 years
- Built 8+ themes
- Migrated 4 complete sites to WordPress, built from scratch many more.



What is an application platform?

- What is an application?
- What is an application platform?

What we will cover

- Common Application Requirements
- Why use an application platform?
- What should an application platform provide?

Common Application Requirements

- Content Management
 - Adding New
 - Editing Existing
 - Deleting
 - Archiving
 - Sorting
- User Management
 - Adding|Editing / Registration
 - Profile Management
 - Roles
 - Password Management
- Media Management
 - Adding New
 - Editing Existing
 - Deleting
- ???

Why use an Application Framework?

- Don't reinvent the wheel!
- Faster prototyping.
- Don't always have to be a Developer to create something.
- Security updates are handled for you.
- Ability to easily add others to the development process.

How Does WordPress Fit In?



- Easy Install.
- Intuitive Admin Interface.
- Custom Post Types.
- Open Source.
- Tremendous Assortment of Plugins Available.
- Huge Community.
- Even non-developers can build an app in WordPress

Example Apps

- Custom content display (Realty sites, Recipes, etc).
- Receive feedback from users.
- Content Distribution.

A Few Plugins to Consider

- WP REST API – v2.wp-api.org | [WordPress.org Plugin Repo](https://WordPress.org/Plugin-Repo)
- Gravity Forms – www.gravityforms.com
- Advanced Custom Fields – www.advancedcustomfields.com
- PODS Framework – www.pods.io

How I Am Leveraging WordPress



- A “News Site” to feed via RSS Feeds to our Mobile App.
- In-Development: News and Events aggregator site to feed various parts of our new website via WP REST API

Displaying Data from WP REST API

- Include jQuery library in your HTML

```
<script>
jQuery(document).ready(function($) {
    $.getJSON("http://mysite.dev/wp-json/wp/v2/posts/?filter[category_name]=catname", function
(data) {

        $.each(data, function( index ){

            var div = $('<div class="post"/>');

            div.append( $('<h2 class="announce" /
>').append(document.createTextNode(data[index].title.rendered)) );
            div.append( $(data[index].content.rendered));

            $(div).attr('id', data[index].id);

            $('#announcement-container').append(div);

        })
    });
});
</script>
```



<http://bit.ly/Display-WP-REST-Data>

Questions?

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[joecue](https://wordpress.org/plugins/joecue/)

