

Using Vue Components in a Mura Application

Muracon 2017
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Hello

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Frameworks

- Angular
- Angular 2
- React
- Polymer
- Vue

The Problem

- Yet another framework!
- Learn the new framework.
 - Cost
 - Time
 - ROI
- Are the benefits worth it ?
- How long will it be around ?
- Configuration

Why use components?

- Easy to distribute
- Separation of concerns
- If written correctly easier to maintain
- Ability to modularize/compartmentalize pieces of a complex structure
- Ability to build an entire application as a display object.

Vue.js

- Lightweight (25.86kb min+gzip)
- Approachable
- Minimal configuration
- Reactive
- Server Side Rendering
- Designers enjoy using it



Getting Started

- Add vue.js source to your application, preferred location <head>
- Create a wrapping element, either a component, a div within the body tag, or whichever scope you would like to use to instantiate Vue.
- In the footer, or within the component/ display object instantiate Vue
 - `new Vue({ el: '##someElement' })`
 - You must define a unique id on the root element.
- Now any dom element, or vue component within your root element is now exposed to vue.

Key points in Vue

- Directives
- Props
- Data object
- Event Lifecycle
- Single File Components .vue
- Mixins
- State management (Vuex)
- Templates
- Slots
- Vue Components using only Javascript (see example)

MuraVue

Vue Components that talk to Mura's API

- ❖ **<mura-query>**
 - ❖ <mura-auth>
 - ❖ <mura-feed>
 - ❖ <mura-loop>
 - ❖ <mura-style>
 - ❖ Many more ...
- ❖ Testing , preview available
 - ❖ In Progress
 - ❖ Testing, preview available
 - ❖ In Progress

```
<mura-query
  id="testQuery"
  src="http://localhost:8888"
  siteid="default"
  fields="title,description,summary,image">

<template scope="results">
  <div class="mura-collection mura-grid-three">
    <div class="mura-collection-item" v-for="(item,index) in results.results.items">
      <div class="mura-collection-item__holder">
        <div class="mura-item-content">
          
        </div>
        <div class="mura-item-meta">
          <div class="mura-item-meta__title">{{item.title}}</div>
          <div class="mura-item-meta__summary">
            <p v-html="item.summary"></p>
          </div>
        </div>
      </div>
    </div>
  </div>
</template>
</mura-query>
```

Example : <mura-query>

Questions

Thank You!

Using Mura as a Headless CMS

Muracon
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Framework
Independent

Nuxt.js

- Built for Vue
- Easy to learn
- Starter Kit

Links

- <https://nuxtjs.org/>



Live Code