BADR

Knowledge Academy

The Revue

Monday, Sept 18

Sessions Roadmap

1- Vue.js in Depth

Vue.js core concepts, Library Internals, Vue Instance.

2- REST APIs & Routing

Components, REST APIs, Services, What's Routing, Nested Routing

3- State Management & Wrap up

Manage components state, Interaction between different components

Capstone Project

New Tab Dashboard

A New Tab Dashboard with a set of widgets: Weather, Todo List and New Feed Reader.

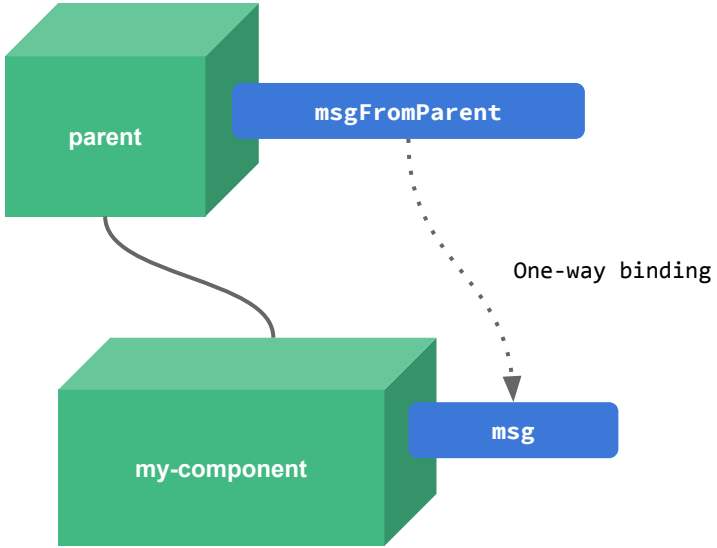
Session Agenda

- Components
- Capstone Components Restructure
- Ajax Server Side Communication
- Vue Router

Components

```
<my-component msg="Hello!">
</my-component>
```

my-component's template will be inserted into the container element

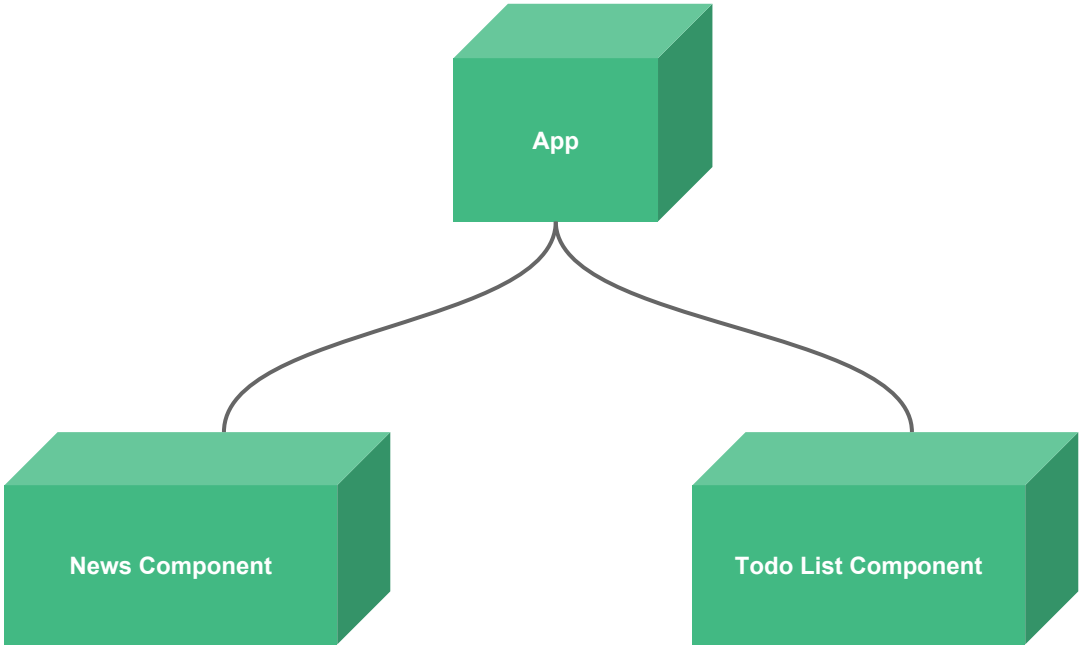



```
<p>{{msg}}</p>
```

```
<p>Hello!</p>
```

`msg` will be passed in as data state.

Components Restructure



Ajax Server Side Communication

```
> npm install vue-resource
> npm run dev
```

Ajax Server Side Communication

```
{
  // GET /someUrl
  this.$http.get('/someUrl').then(response =>
{

    // get body data
    this.someData = response.body;

  }, response => {
    // error callback
  });
}
```

Ajax Server Side Communication

1. Create account at https://newsapi.org/
2. Get API Key or use this “b504e7288dc4421c903cb3ffd148df9f”

GET

```
https://newsapi.org/v1/articles?source=independent&sortBy=top&apiKey={API_KEY_Here}
```

What’s Routing?

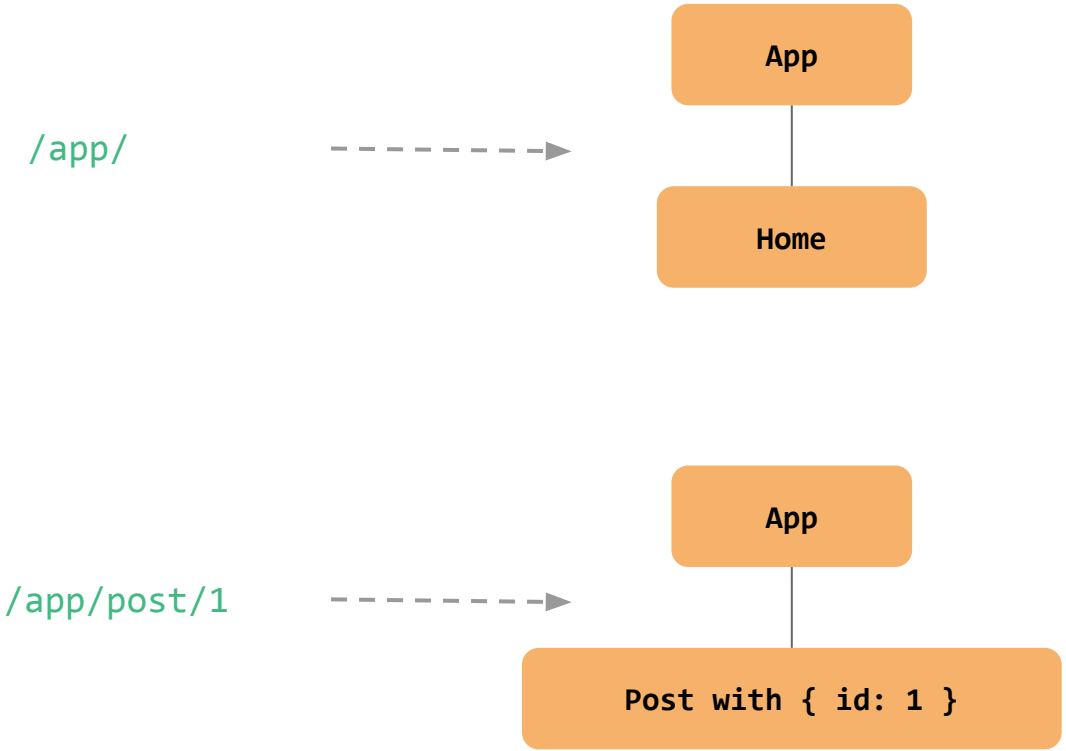
Displaying semantic URLs without reloading the page

HTML5 History API

What’s Vue Router?

Creating a Single-page Application with Vue.js + vue-router is dead simple. With Vue.js, we are already composing our application with components. When adding vue-router to the mix, all we need to do is map our components to the routes and let vue-router know where to render them.

What’s Vue Router?



That’s All for now

See you next Wednesday (20 Sept.)