

# Making small big again

Vue.js modules and tools

# vuex

- state management pattern + library (like Redux)
- getters, actions, mutations
- modules
- great devtools integration I will show later

# vue-router

- Nested route/view mapping
- Modular, component-based router configuration
- Route params, query, wildcards
- View transition effects powered by Vue.js' transition system
- Fine-grained navigation control
- Links with automatic active CSS classes
- HTML5 history mode or hash mode, with auto-fallback in IE9
- Customizable Scroll Behavior

# vueify/vue-loader

- browserify/webpack support for .vue components
- all three parts in one file
- customizable languages
- scoped styling
- OK syntax coloring support

```
example.vue
1 <template lang="jade">
2   div.my-component
3     h1 {{ msg }}
4     other-component
5 </template>
6
7 <script>
8   import OtherComponent from './other-component.vue'
9
10  export default {
11    components: { OtherComponent },
12    data() {
13      return {
14        msg: 'Hello Vue.js!'
15      }
16    }
17  }
18 </script>
19
20 <style lang="sass" scoped>
21 $font-stack: Helvetica, sans-serif;
22 $primary-color: #333;
23
24 .my-component {
25   font: 100% $font-stack;
26   color: $primary-color;
27 }
28 </style>
```

Line 1, Column 23      Spaces: 2      Vue Component

# vue-migration-helper

- helps you migrate from 1.x to 2.0

```
vuejs/vue/examples dev x 10d
└─ vue-migration-helper

1. Replace transition attribute with either a <transition> or <transition-group> wrapper component
   Line 17: firebase/index.html
   Reason: The new and improved transition system requires use of new <transition> and <transition-group> components
   More info: http://rc.vuejs.org/guide/migration.html#Transitions

2. Replace .v-leave with .v-leave-active (if it's left over from Vue 1.x)
   Line 22: firebase/style.css
   Reason: v-leave class now defines a starting state for leave transitions, rather than the ending state
   More info: http://rc.vuejs.org/guide/migration.html#Transitions

3. Delete debounce="300" and wrap the expensive operation(s) you want to throttle with lodash's debounce or throttle functions (see the link below for an example)
   Line 13: markdown/index.html
   Reason: debounce was quite limited and reinvented a utility function better maintained in libraries such as lodash and underscore
   More info: http://rc.vuejs.org/guide/migration.html#debounce-param

4. Replace filtered value in v-html="input | marked" with a computed property
   Line 14: markdown/index.html
   Reason: Filters can now only be used inside text interpolations, e.g. {{ date | formatDate('YY-MM-DD') }}
   More info: http://rc.vuejs.org/guide/migration.html#Filters-within-Directives
```

# vue-cli

- allows you to scaffold an empty project
- official templates (webpack/browserify, simple/full)
- custom templates

vue-devtools

**DEMO TIME!**