Vue Devtools
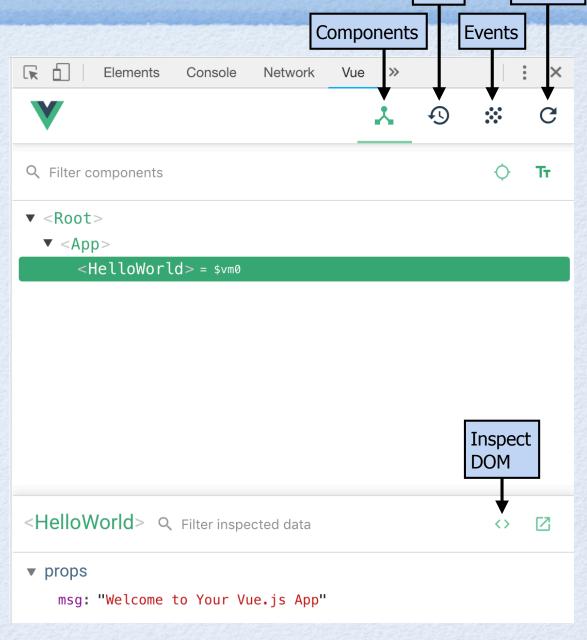
Vue Devtools

- Can run as a Chrome extension, a Firefox addon, or an Electron app

  - see https://github.com/vuejs/vue-devtools for details

- In browsers

  - recommended to enable "Allow access to file URLs"
    so the tool can display application source code

- Displays information about Vue apps not built for production

  - i.e. not minimized

In Chrome

- To install
  - browse Chrome Web Store at https://chrome.google.com/webstore
  - search for "Vue"
  - press "Add to Chrome" button for "Vue.js devtools"
  - Vue logo will appear in upper right of toolbar
- Browse a Vue app
- Inspect page
- Select "Vue" tab

Force Refresh

Vuex

Components

Events

Elements   Console   Network   Vue   »

Q Filter components

▼ <Root>
  ▼ <App>
    <HelloWorld> = $vm0

Inspect DOM

<HelloWorld>   Q Filter inspected data   <>

▼ props

    msg: "Welcome to Your Vue.js App"

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Components Tab

- Supports navigating component hierarchy

- Select a component to examine its
  `props`, `computed`, and `data` properties

- Data values can be edited and
  the UI will update to show new values

- Prop values cannot be edited

- When reactive data is displayed,
  values are represented with "(...)"

  - click this to see actual value

Vuex Tab

- If Vuex is being used, this supports examining contents of Vuex store state

- Also displays list of committed mutations

- Click a mutation name to display store state after mutation was processed

- To update UI to match that state, click "Time Travel" link to right of mutation name

- Click "Base State" to display initial store state

Exercise

- Install Vue Devtools in Chrome
- Start dog app server
  - cd to project directory
  - `npm run serve`
- Open in Chrome
  - browse localhost:8080
- Enter a few dog names
- Open devtools
  - ctrl-I in Windows, cmd-option-i on macOS
- Click "Vue" in devtools menu bar
- Examine component hierarchy
- Click `<Dogs>`, modify a dog name, and verify change in UI

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