

# Vue Devtools

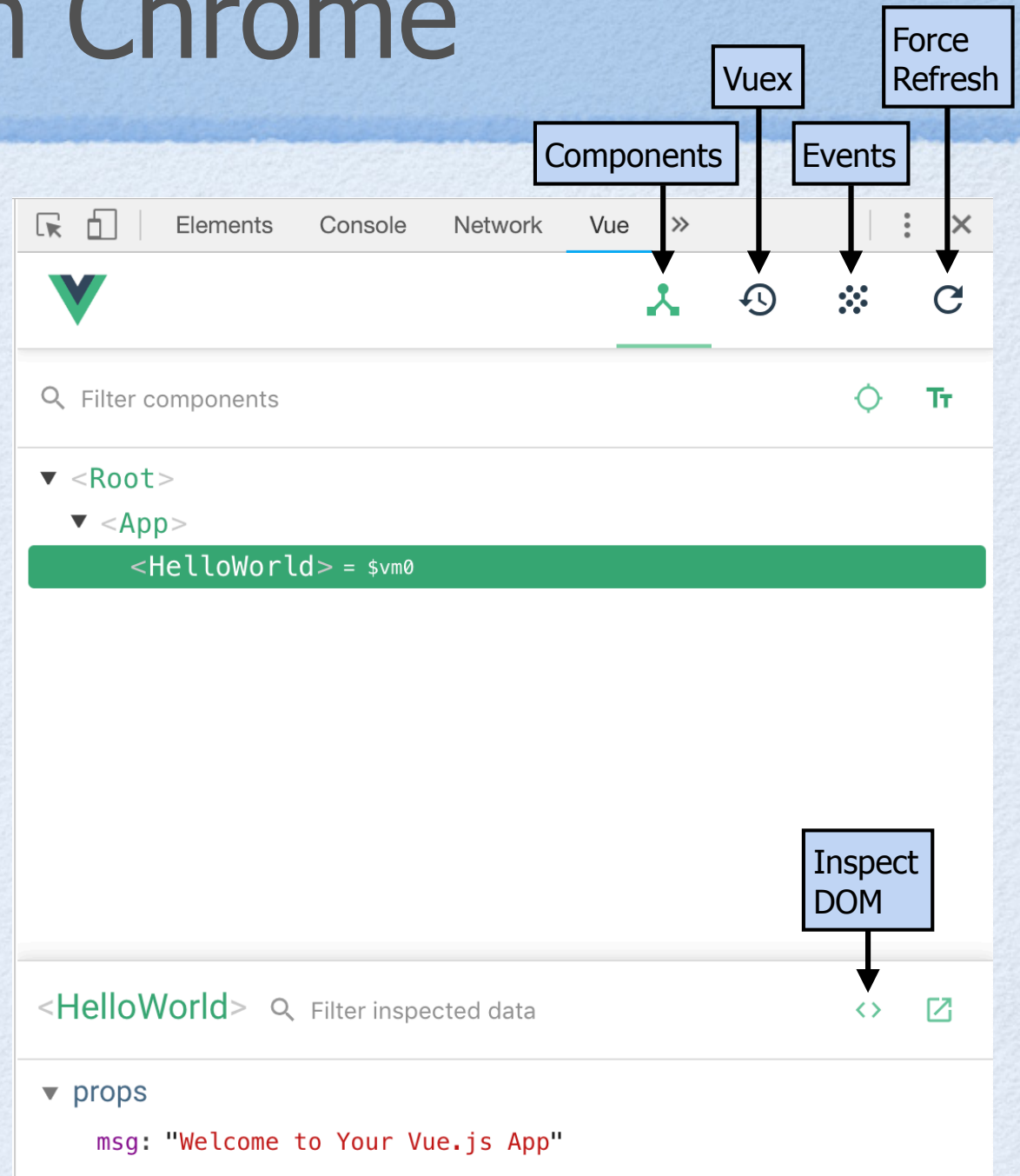
# Vue Devtools

- 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 the "Add to Chrome" button for "Vue.js devtools"
  - the Vue logo will appear in upper right of toolbar
- Browse a Vue app
- Inspect page
- Select "Vue" tab



# 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