Cypress Automation Training

Plural CODEMASH

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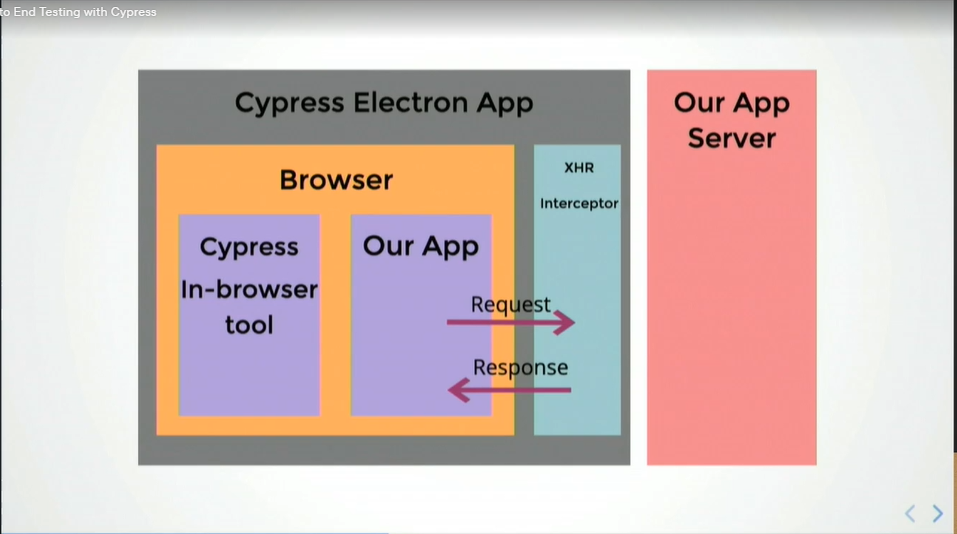
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# Cypress: About



# Cypress: Installation Steps

npm install cypress save-dev

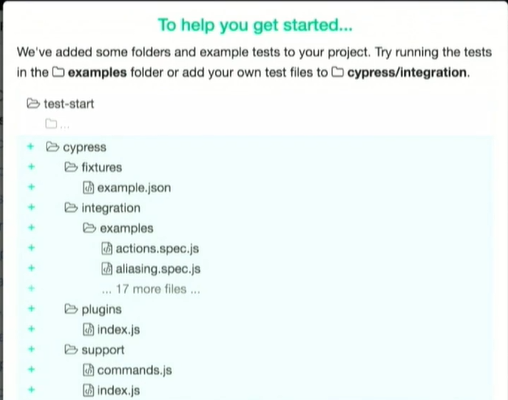
* It will generate cypress.json file
  + All cypress settings
* **cypress / integration** 
  + Contains all the test files named…. myFile.specs.ts
  + Putting all e2e (end to end tests)
  + We can organize accordingly by the creating new files, sub-folders etc…
  + All the tests should be integrated inside only “cypress >> integration” folder
* **cypress/fixtures**
  + use for mock data for certain scenarios in “cypress/fixtures”
* **cypress/plugins**
  + extending cypress functionality
  + use for writing certain tasks task to automate the things
  + can put all that code and keep it organized in the plugin folders, so its can extend Cypress’s features
* **cypress/support**
  + use for shared commands, utilities
  + we have a lot of common code where we can creating/removing/manipulating lots of dat. So, it’s a repeated code
  + we can abstract all that out and then put it in a util folder, which Cypress can also support

# Cypress: Run Command

npx cypress open

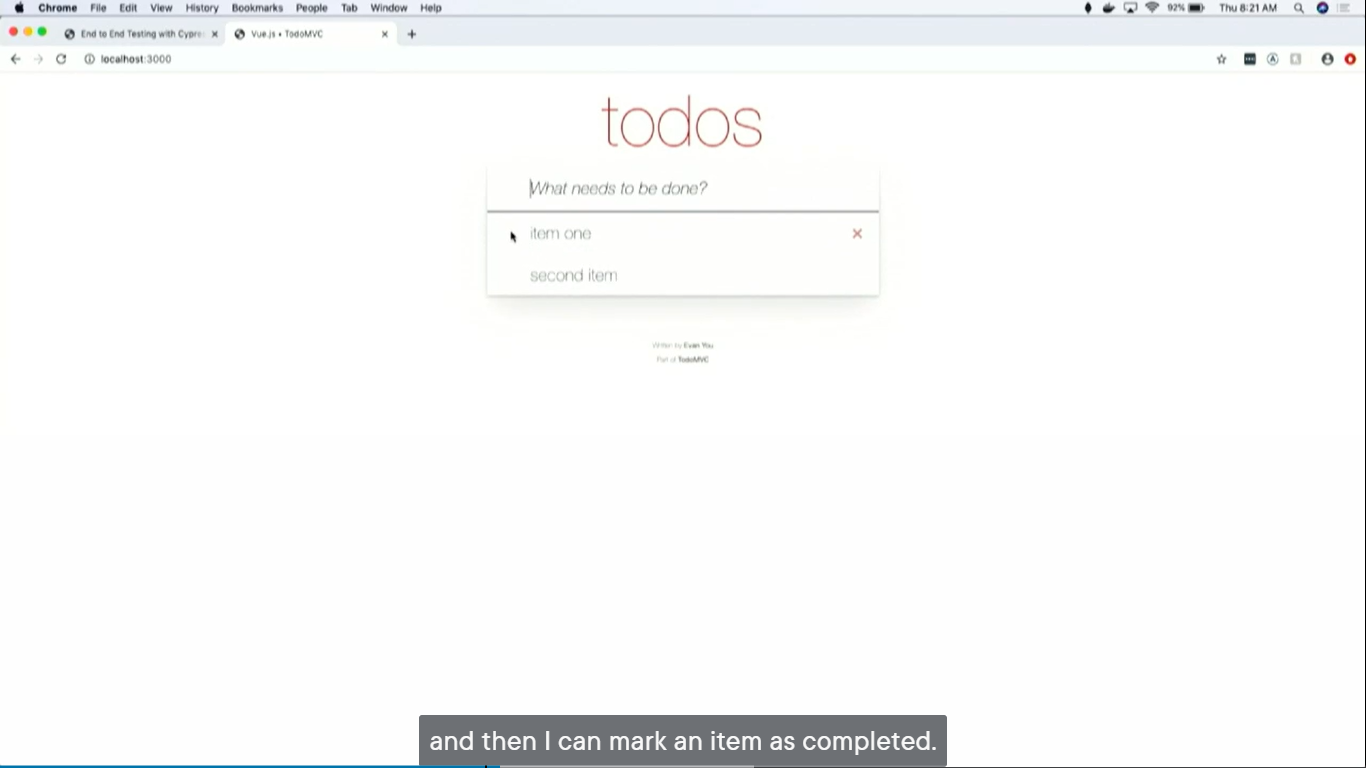
npx cypress run

# Cypress: Folder Structure

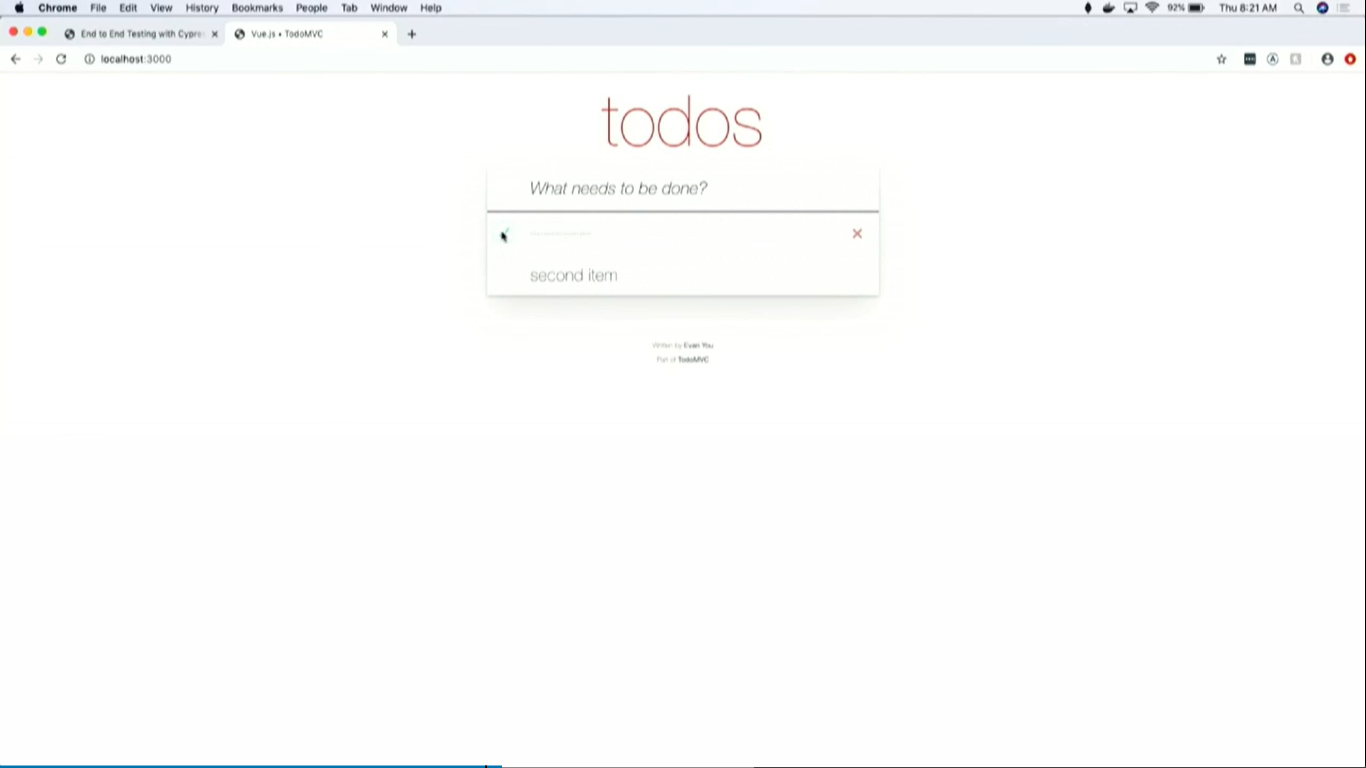


# Cypress: Put in Action [Get Started]

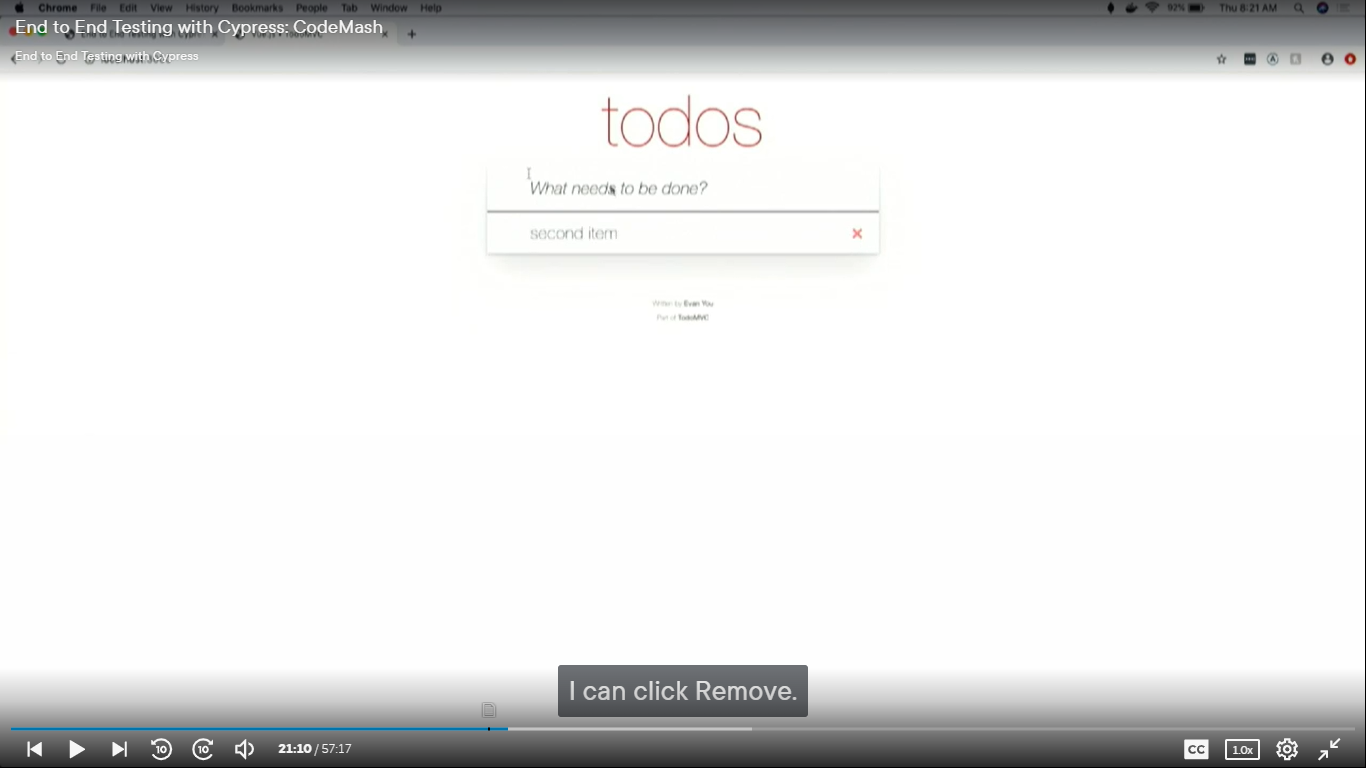
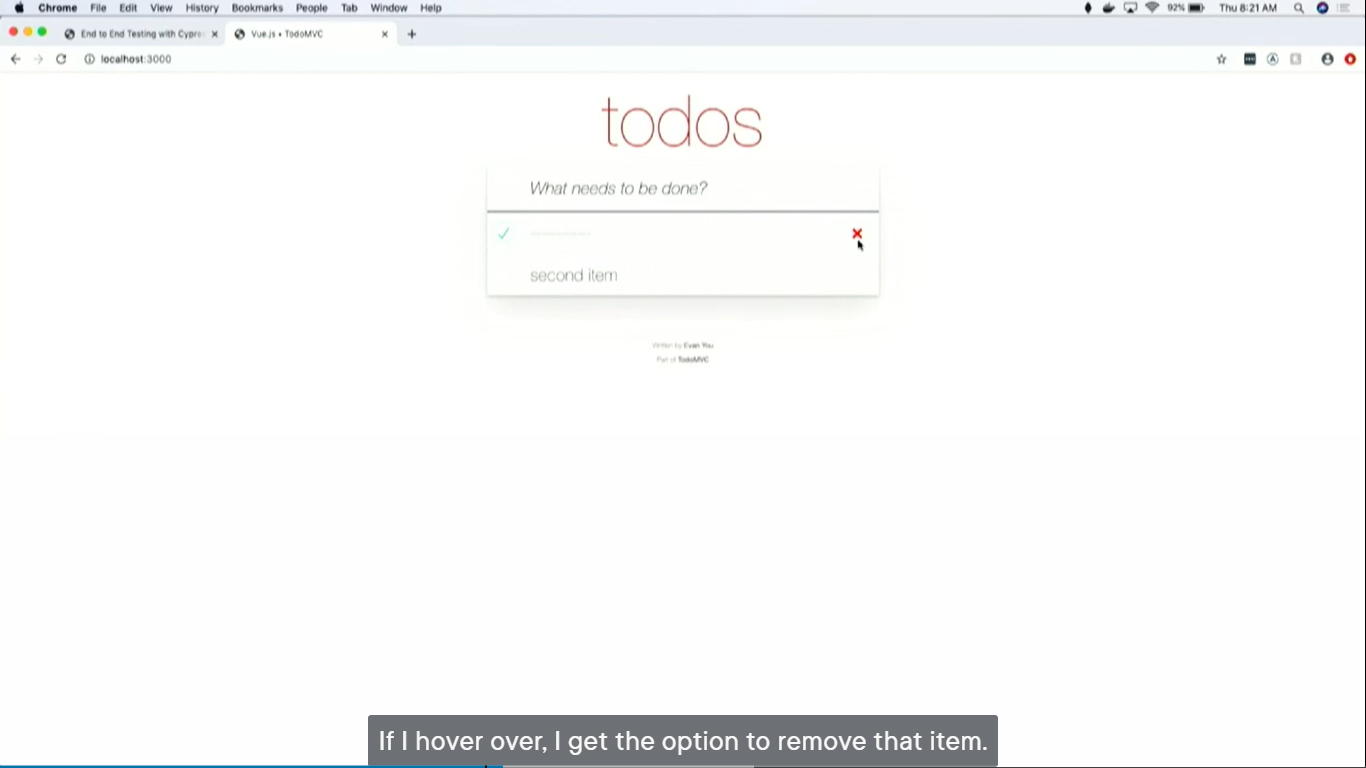
## Application Scenario



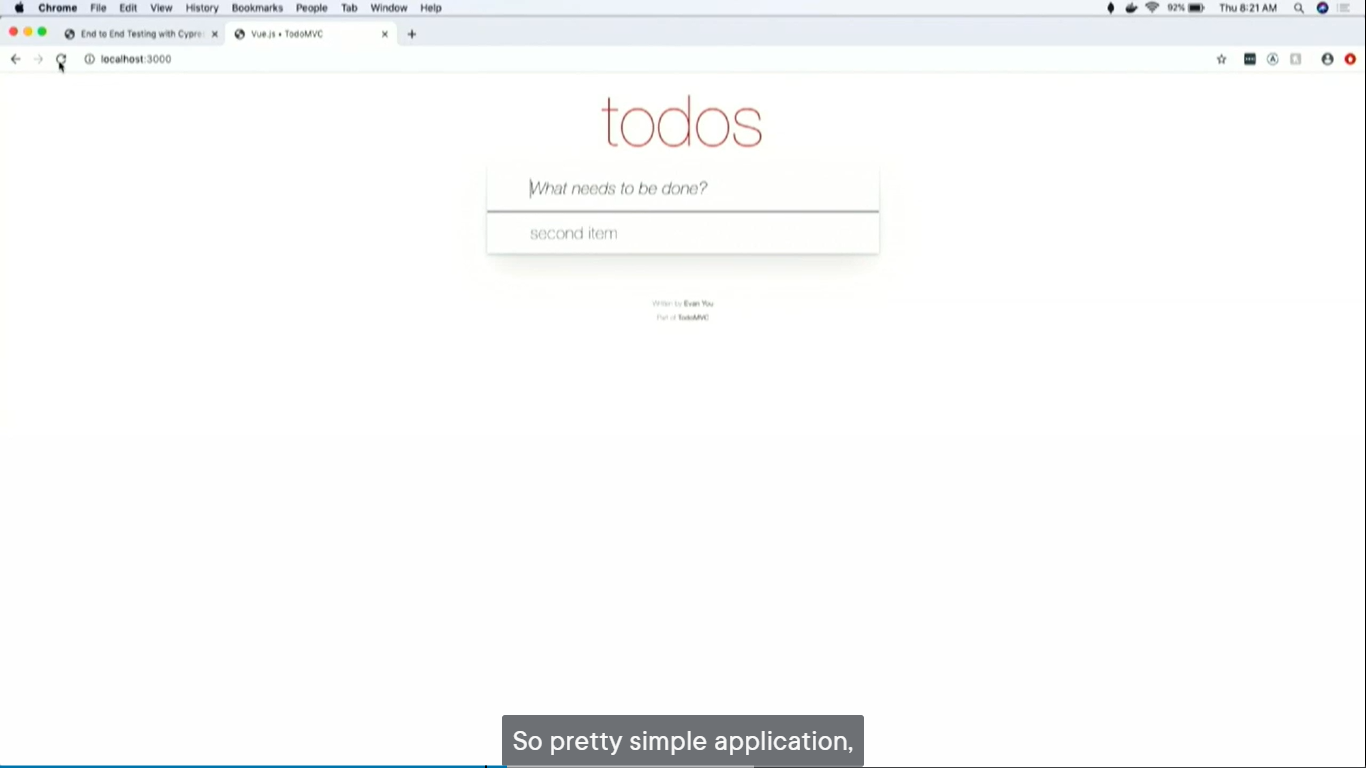
* can add items by write something in input text



* can mark an as item has completed



* on hoven there is option to remove that marked item
* can click to remove that item



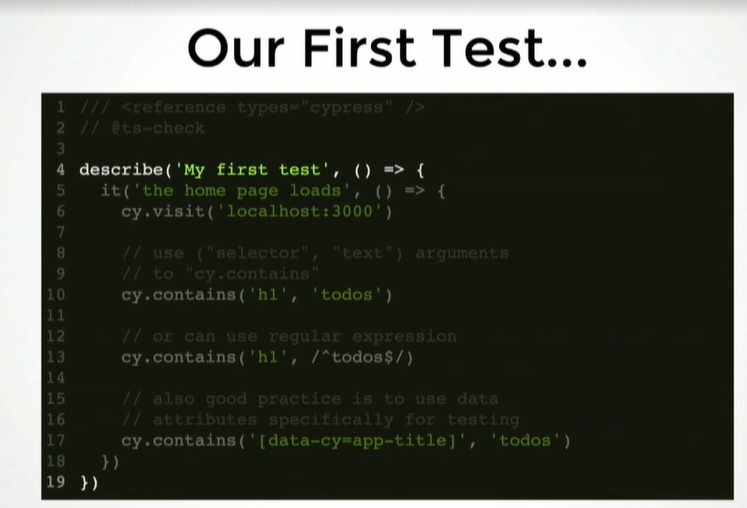
* when refresh, can get the item back

## Cypress: Test writing scenarios (Lists)

1. able to… add items
2. able to… mark things as a completed
3. able to… delete items
4. able to test… if certain requests are made
5. able to test… if loading elements are displayed
6. able to test… can I reset my state before each test runs?

## Cypress: Steps for test writing (cypress code in action…)

1. **Writing a smoke test**
   1. Test suite name



1. able to… add items