



Cypress - UI Tests

Somsak (Thumb)

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Intro

Cypress is an open-source automation front-end testing tool which build for the modern web.

It's built on top of **Mocha** + **Chai** + **Sinon**!!

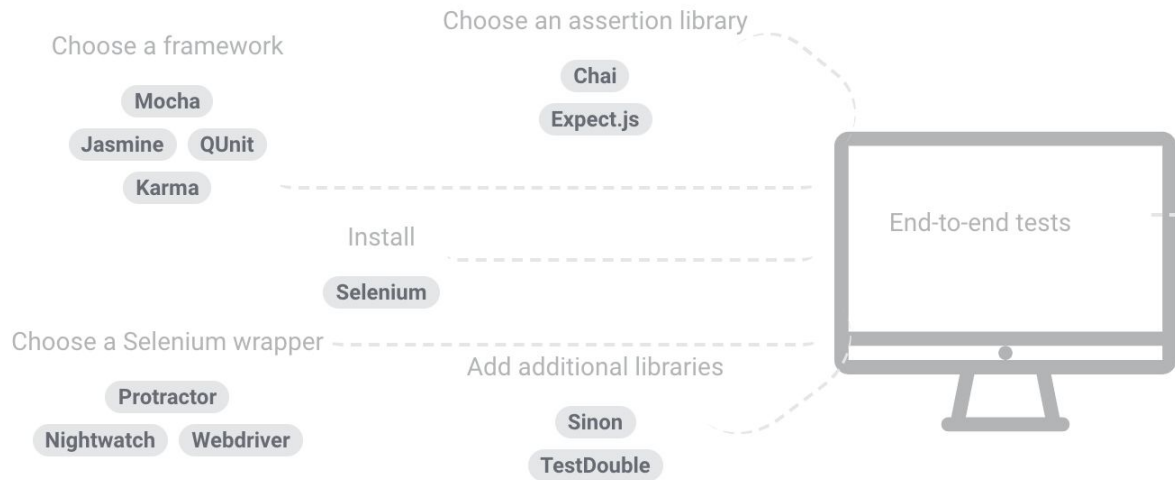
It makes setting up, writing, running and debugging tests easily 🍭

Intro

Before Cypress

vs

✨ With Cypress ✨



cypress


All-in-one testing framework,
assertion library, with mocking and
stubbing, all without Selenium.

Goals











- ✓ ● Walkthrough of the Cypress features.
- ✓ ● Pick and rewrite sign-up/sign-in modules of Braive.
- Set up in Rails application.



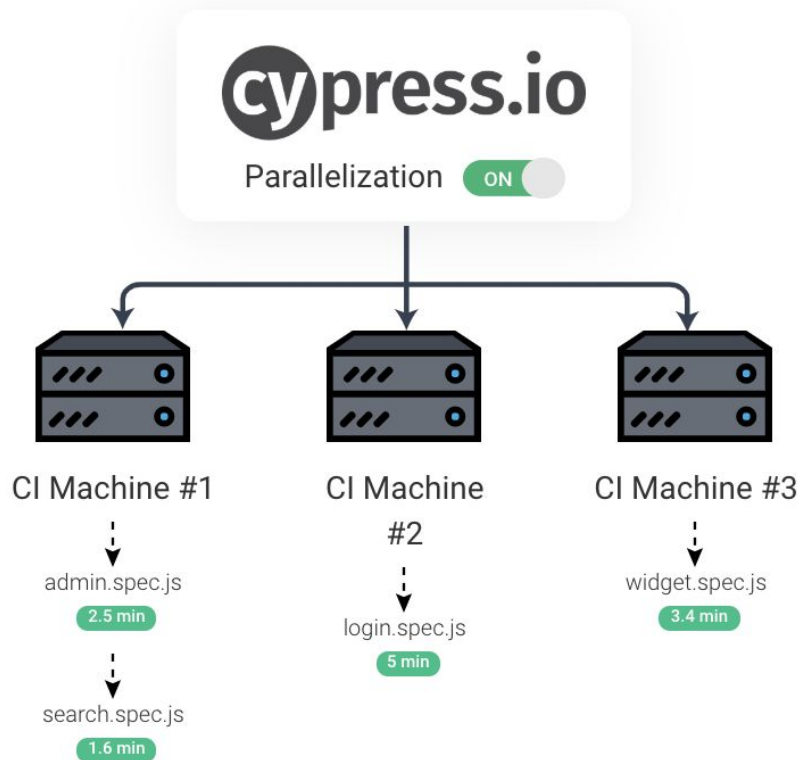
Why Cypress?

1. Does NOT use Selenium.
2. Works on any front-end framework.
3. All the test tests are written in Javascript.
4. Fast!! 

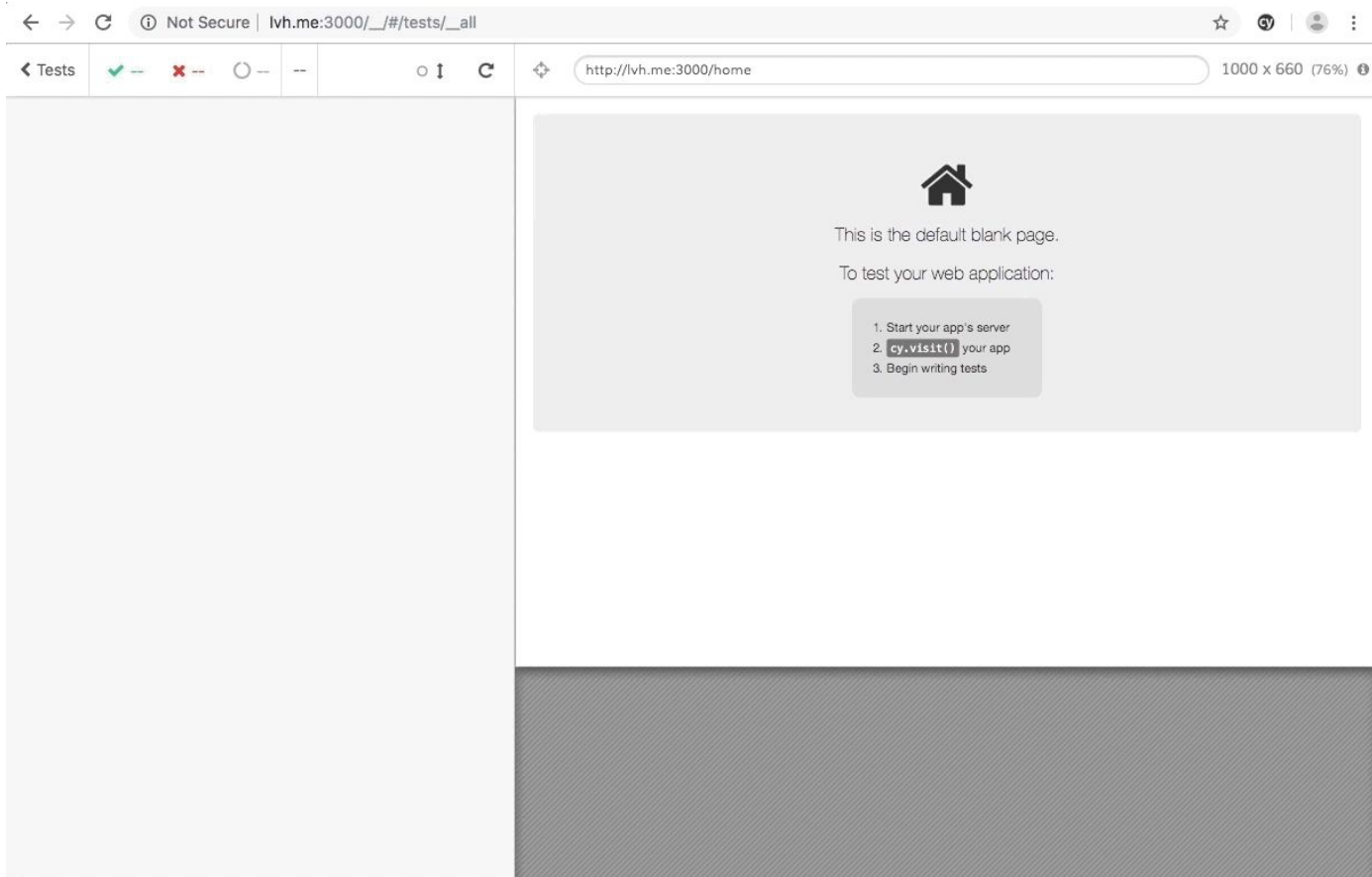
Selenium + Capybara VS Cypress

	Selenium + Capybara	Cypress
Speed		
Wait for element		
Headless		
Parallel execution		
Documentation		

Selenium VS Cypress



Shortcut



Next steps

Set up in Rails application:

<https://github.com/shakacode/cypress-on-rails>

CypressOnRails

build passing gem version 1.4.1

Gem for using [cypress.io](#) in Rails and ruby rack applications with the goal of controlling State as mentioned in [Cypress Best Practices](#)

It allows to run code in the application context when executing cypress tests. Do things like:

- use `database_cleaner` before each test
- seed the database with default data for each test
- use `factory_bot` to setup data
- create scenario files used for specific tests

Has examples of setting up state with:

- `factory_bot`
- rails test fixtures
- scenarios
- custom commands

This gem is based off <https://github.com/konvenit/cypress-on-rails>

Video of getting started with this gem <https://grant-ps.blog/2018/08/10/getting-started-with-cypress-io-and-ruby-on-rails/>

Test your code, not your
patience 🙄

Thanks!

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