

Intro to Cypress

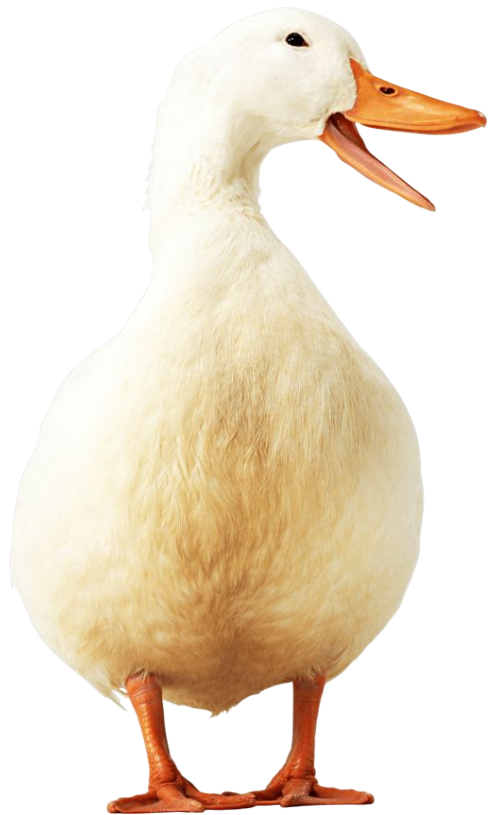
Front-end automation testing



Learning Outcomes

- **Create your first ever Cypress test**
- **How to automate a user journey** - a fully automated e2e test of a real web application with Cypress
- **Produce tests the right way using the 'Cypress Testing Library'**

What are we testing?



Goose Sightings!

<https://record-a-goose-sighting.herokuapp.com/steps/start>

What is Cypress?

cypress.io - <https://www.cypress.io/>

- Open Source - free to use 🎉
- Fully inclusive - multiple tools in one
- end-to-end (e2e) automated testing
- Cypress tests are only written in JavaScript

When to use Cypress?

We want automated tests that represent the user's point of view.

- Clicking buttons
- Typing into text fields
- Checking elements are visible on the page

Cypress Pros & Cons

Pros

- Very easy setup
- Runs in a real browser (not headless)
- Can control network requests
- Time travel
- Automatic waits
- Screenshots and videos
- Debugging of tests

Cons

- Doesn't support Safari
- Will never support multiple tabs

We believe travel shouldn't damage the earth.