

Check your front-end

Let's talk about automated front-end testing

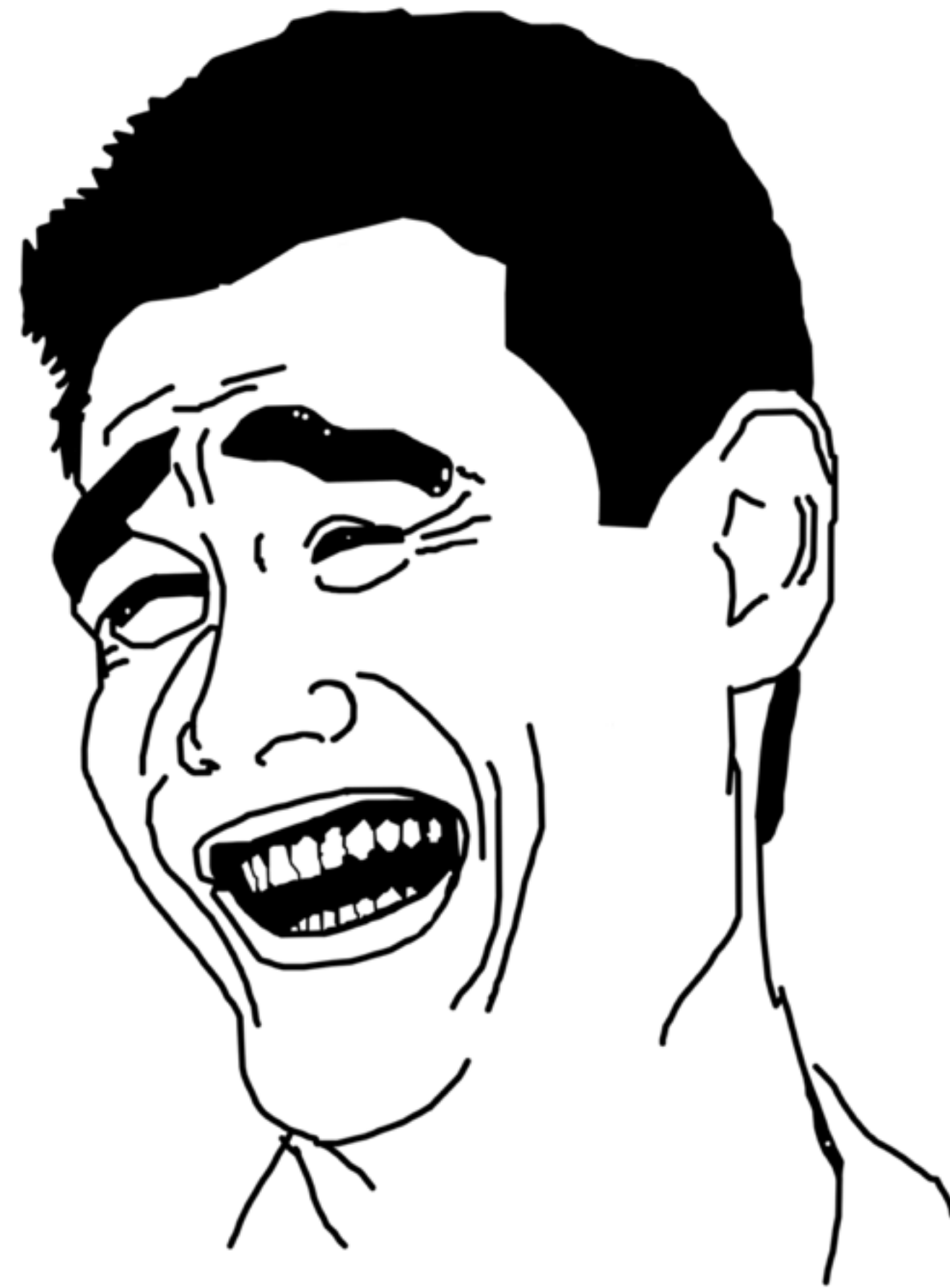
Warning: may contain memes

Why

- Even today, most Web Devs don't do front-end tests
- Having easy-to-run & easy-to-write tests will make Web Devs happy

Tests? Don't need!

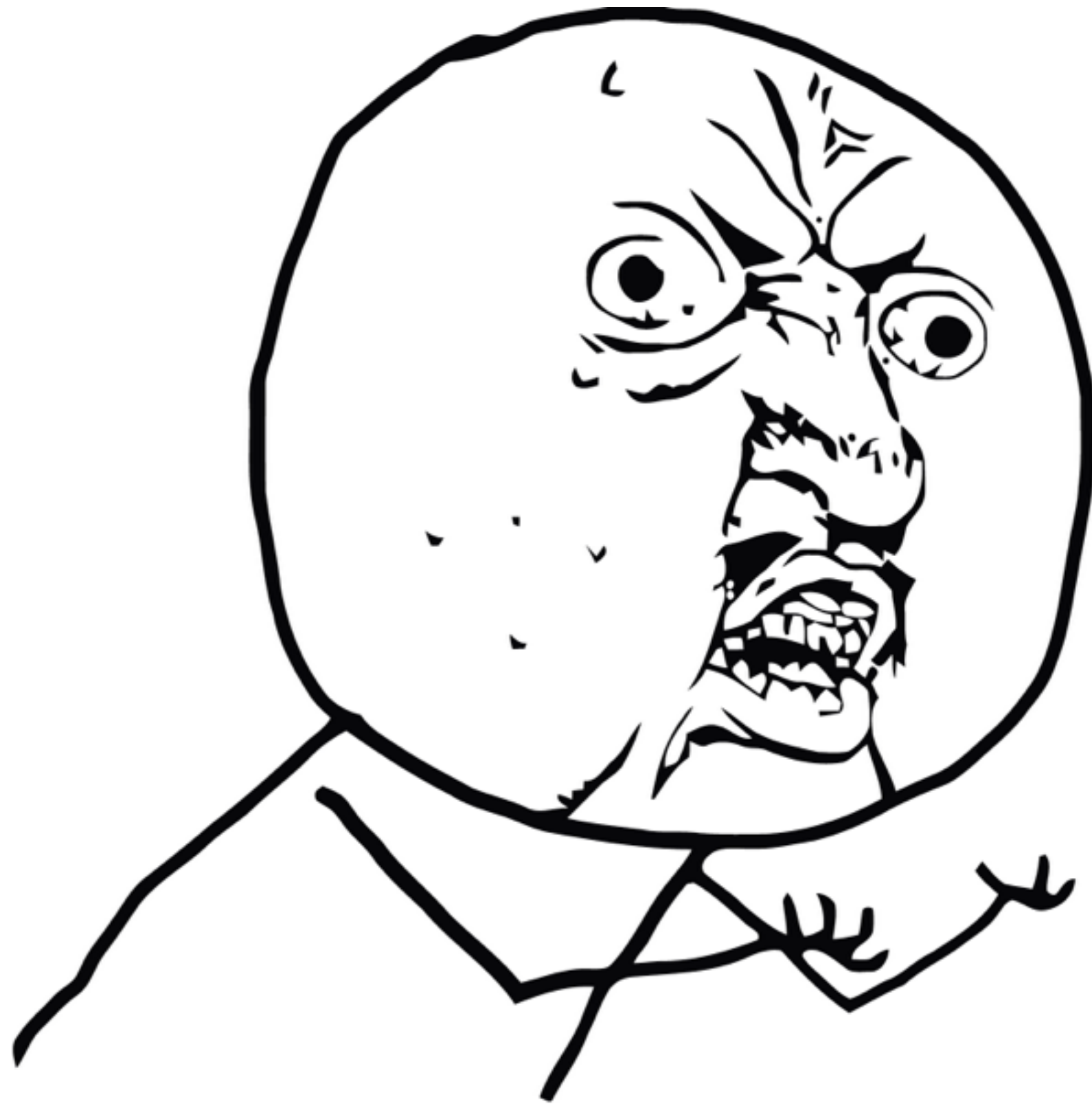
- Very simple pages
- Few user interactions
- Tiny codebase



Do I need tests?

Mind if users randomly find
broken stuff?



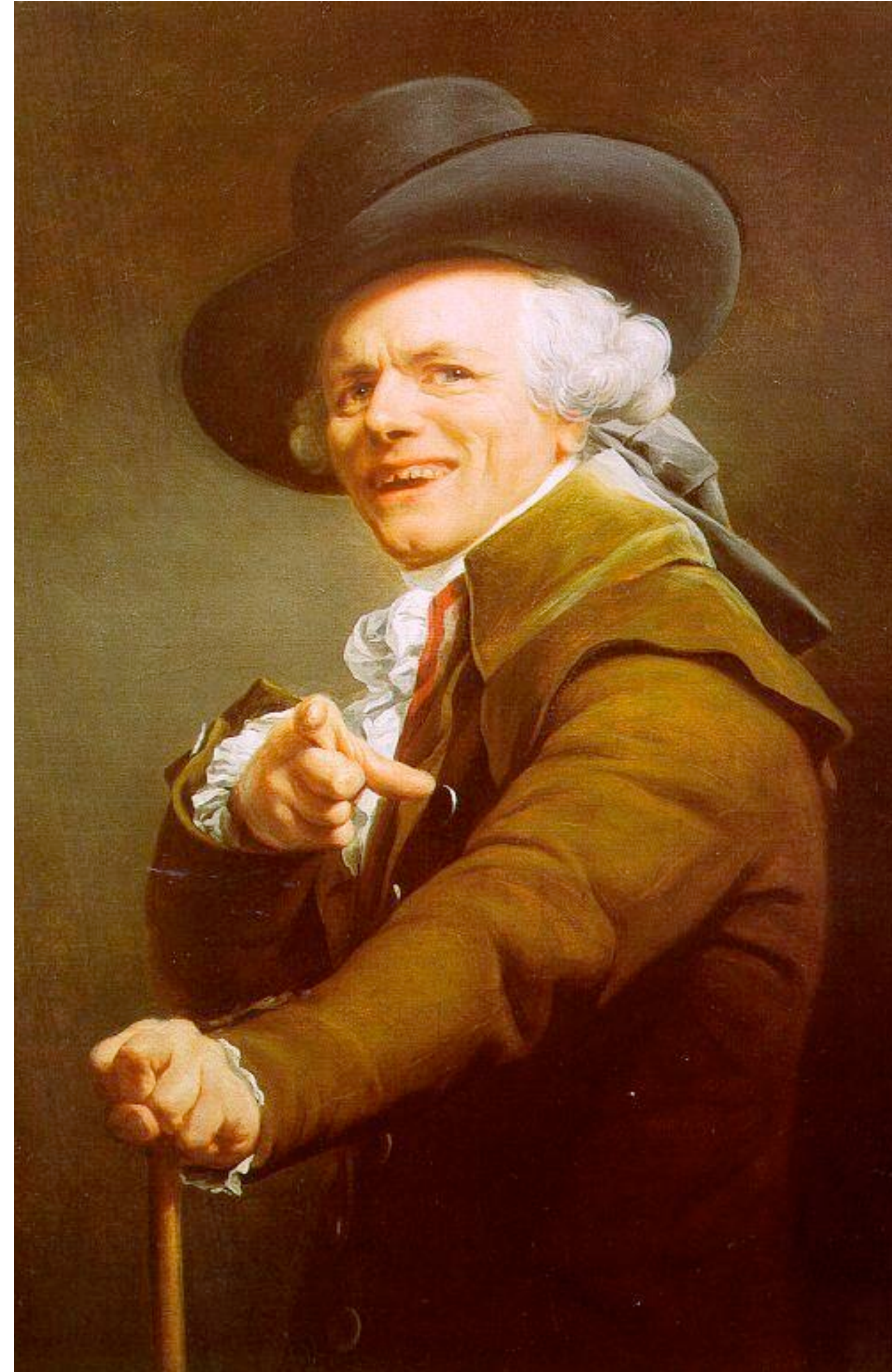


Boss gets mad

Y U No check if it works
before deploying?

Works for me in Chrome!

Hey look, Firefox also seems
to work!





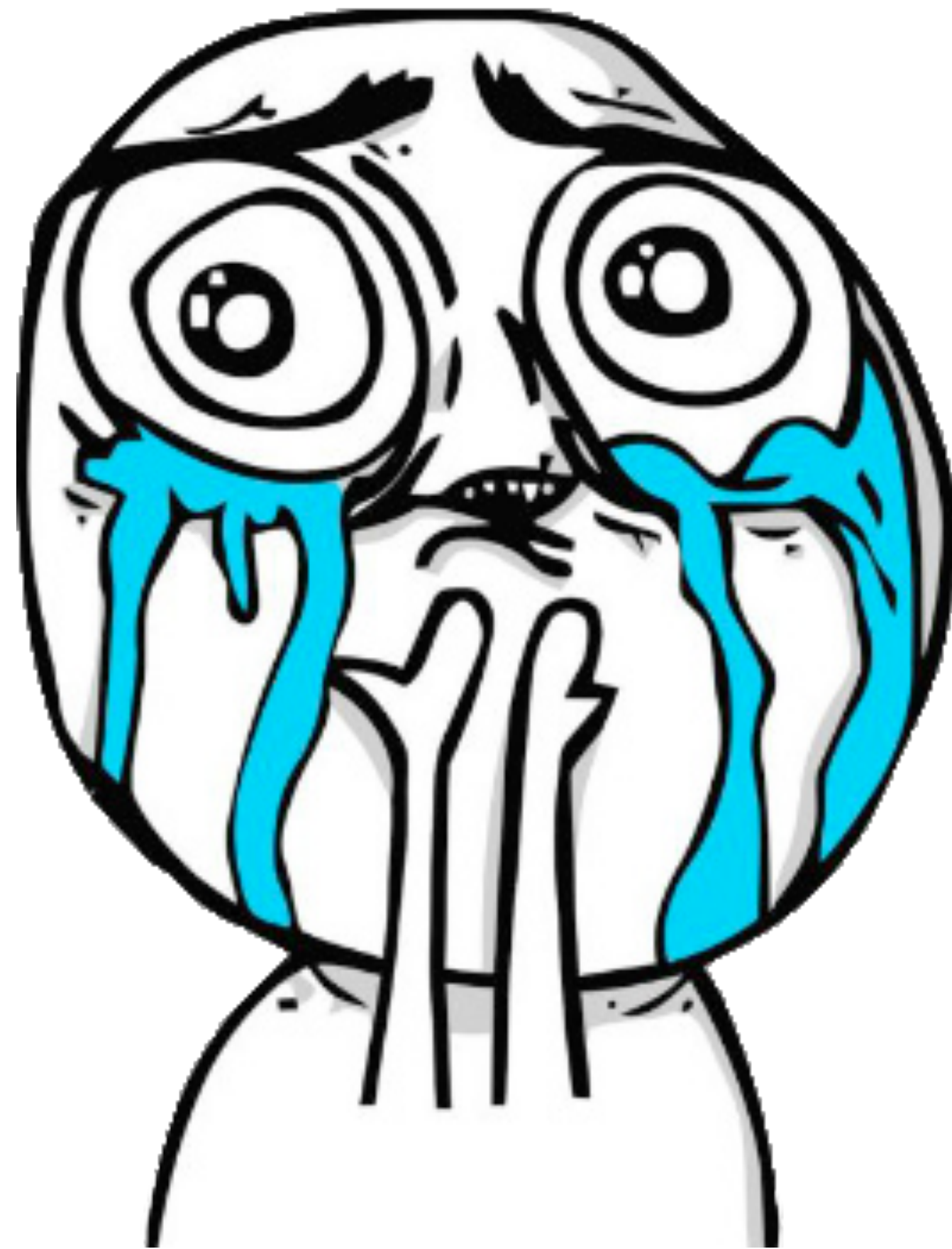
What browsers
do you
support?



IE?



Safari?



Mobile?

We need a Q&A team!

We'd also like:

- our own mexican guacamole chef
- wrist massagers
- pastry scented candles

That's within budget, right?



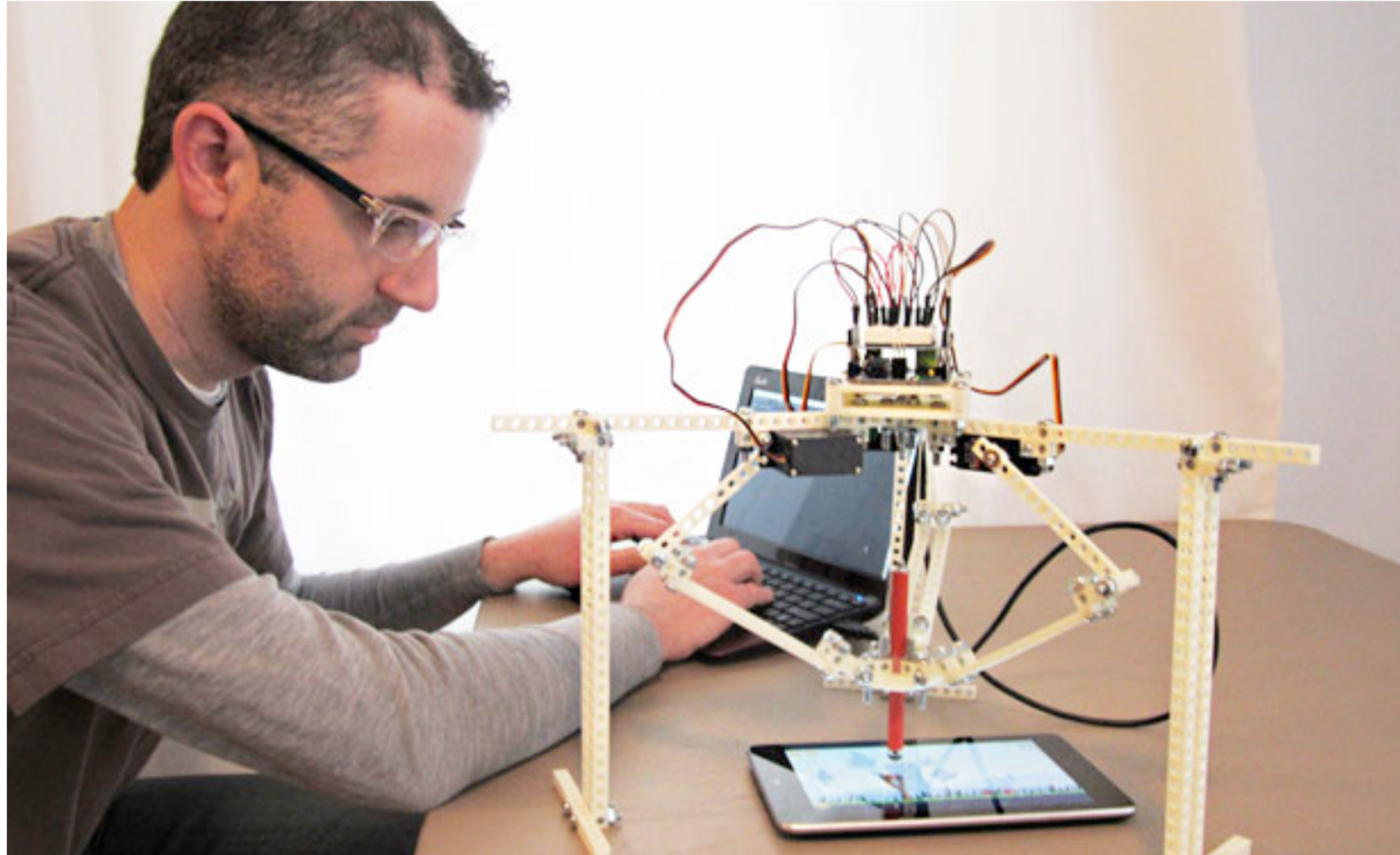
What do we want?

- Easy way to write tests
- Easy (and fast!!!) way to run tests
- Testing by the Pareto principle (aka the 80-20 rule)
- Easily switching between targeting:
 - single local browser
 - testing on all the browsers you want to support

Good thing about the internet...

if you have a problem and you're not a complete
weirdo...

there's probably someone else that got mad
enough some time ago about that same problem
to do something about it and put it online



Jason Huggins

Creator of Selenium

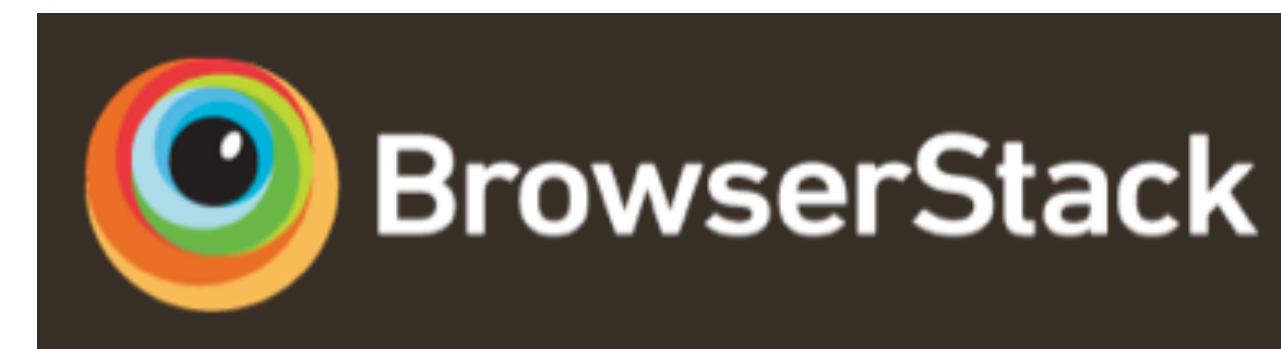
Selenium

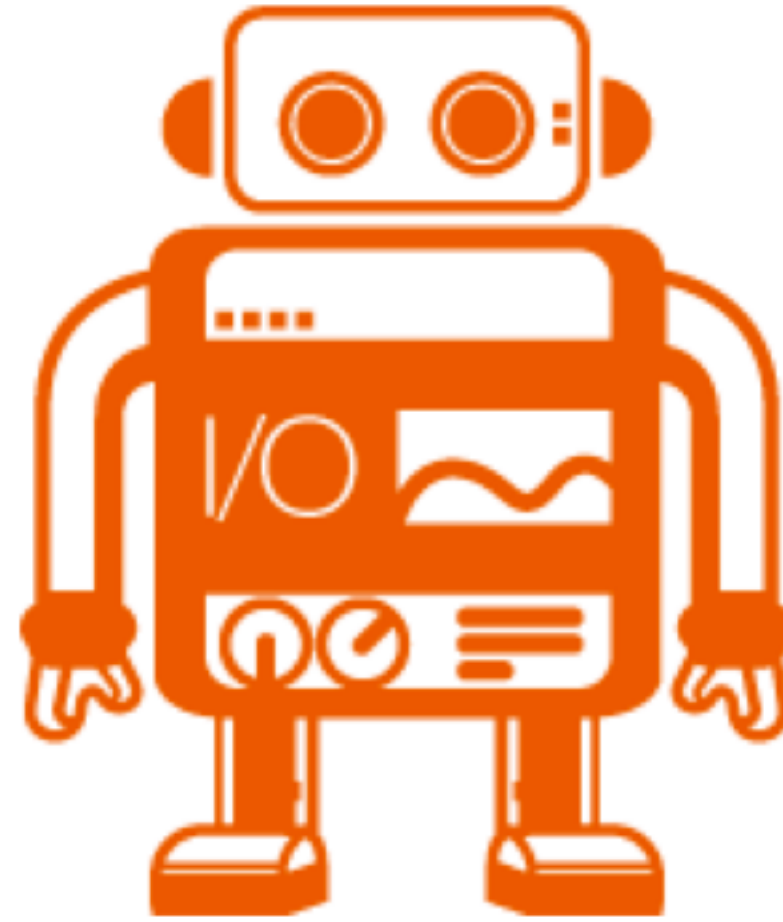
- Started as Selenium IDE — a Firefox plugin
 - needs mouse input so it's awful
- Evolved Selenium RC and later to WebDriver
 - the browser puppeteer
 - driver based
 - supports grid



Selenium Providers

- BrowserStack
- SauceLabs
- TestingBot
- testdroid
- GRIDLASTIC





WEBDRIVER 

Selenium 2.0 bindings for NodeJS

<http://webdriver.io/>