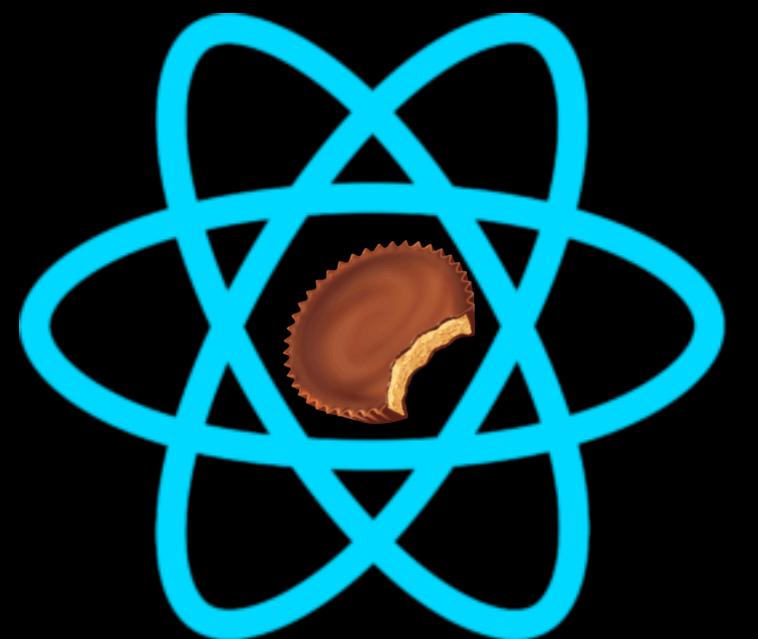


Progressive Enhancement in React



👋 Hi, I'm Kayla Sween.



🏋️ I'm a powerlifter and certified powerlifting coach.

📣 I talk about UX and Accessibility things.

🐶 I do UX and front-end dev things at **dogly**®

🐶 I have two dogs, Piper and Captain.



What is Progressive Enhancement?

What is Progressive Enhancement?

Content → **Style** → **Behavior**

Progressive Enhancement



Progressive Enhancement



Progressive Enhancement



Content/HTML

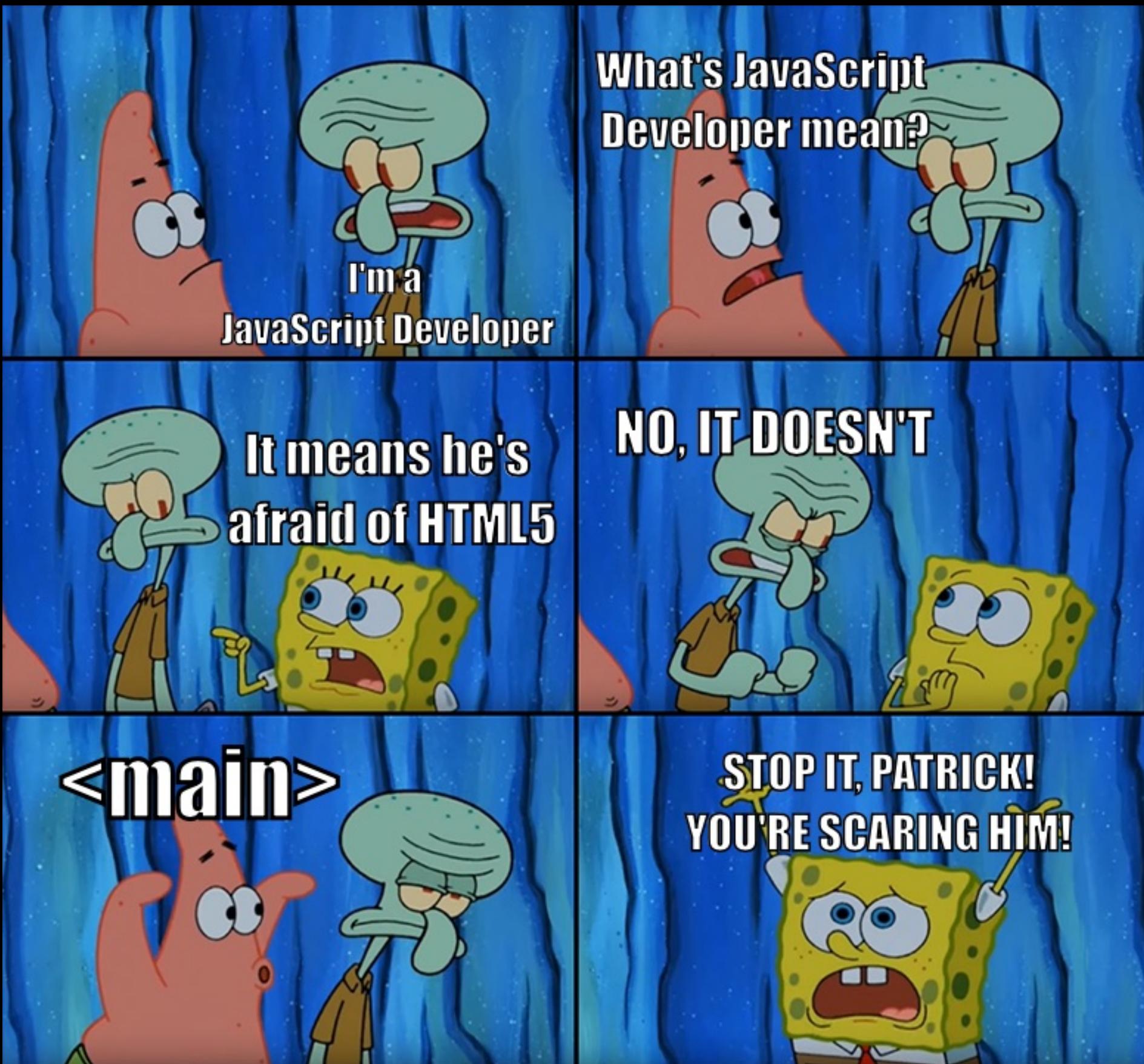


Style/CSS

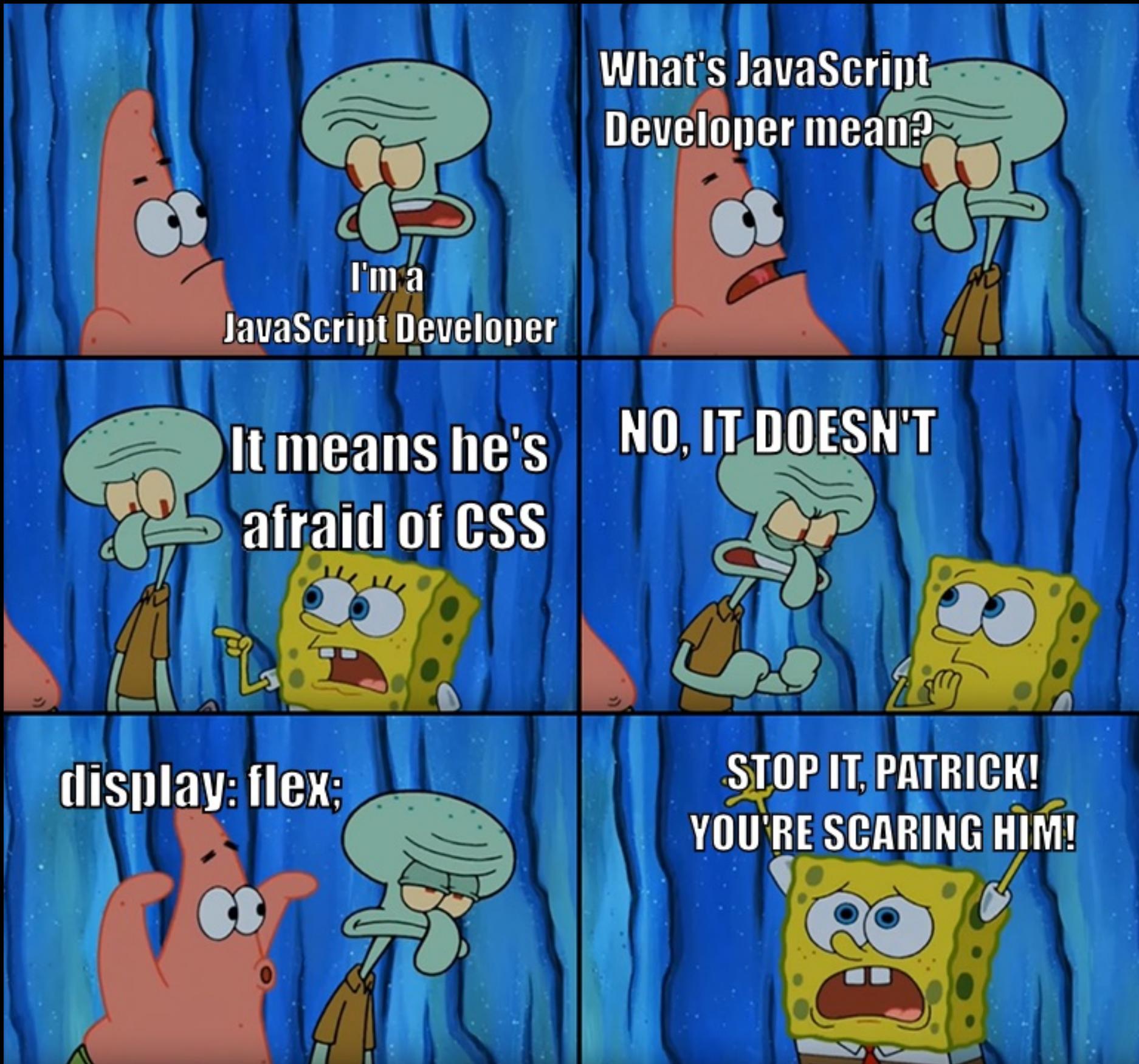


Behavior/JavaScript

Focus on Content First: HTML



Make It Pretty: CSS



Add Behavior: JavaScript



Using only
CSS and semantic
HTML to
accomplish a task

JAVASCRIPT
ALL
THE THINGS

Why Progressive Enhancement?

Why Progressive Enhancement?

Enhanced Accessibility

Enhanced Performance

Using the Best Tool for the Job

Easier to Maintain

Great...
But like...
Where's the React?

Ultimately, React is less performant, less accessible,
But am I saying that you can't ever use React?
and less flexible.
BUT MUCH LESS, and vanilla
JavaScript as needed.

Let's go back to the beginning...

Progressive Enhancement



Core Functionality

Progressive Enhancement



Core Functionality

Content

Basic Navigation (links)

Progressive Enhancement



Core Functionality



Simplest Technologies available

Thankfully, we can develop Progressive Web Applications. And we have things like server-side rendering and static site generators that will give us that without needing JavaScript turned on in your browser.

Progressive Enhancement



More Functionality

Simplest Technologies Possible

Progressive Enhancement



Enhancements

Progressive Enhancement



Enhancements

Media Queries

Change the Font Face

Ajax Calls

Machine Learning Craziness

Progressive Enhancement



Core Functionality



Simplest Technologies



Enhancements

We may have our HTML* in our JavaScript,
but we can still think the “Progressive
Enhancement” way and use React without
users losing out on core functionality.



 @_KaylaSween