

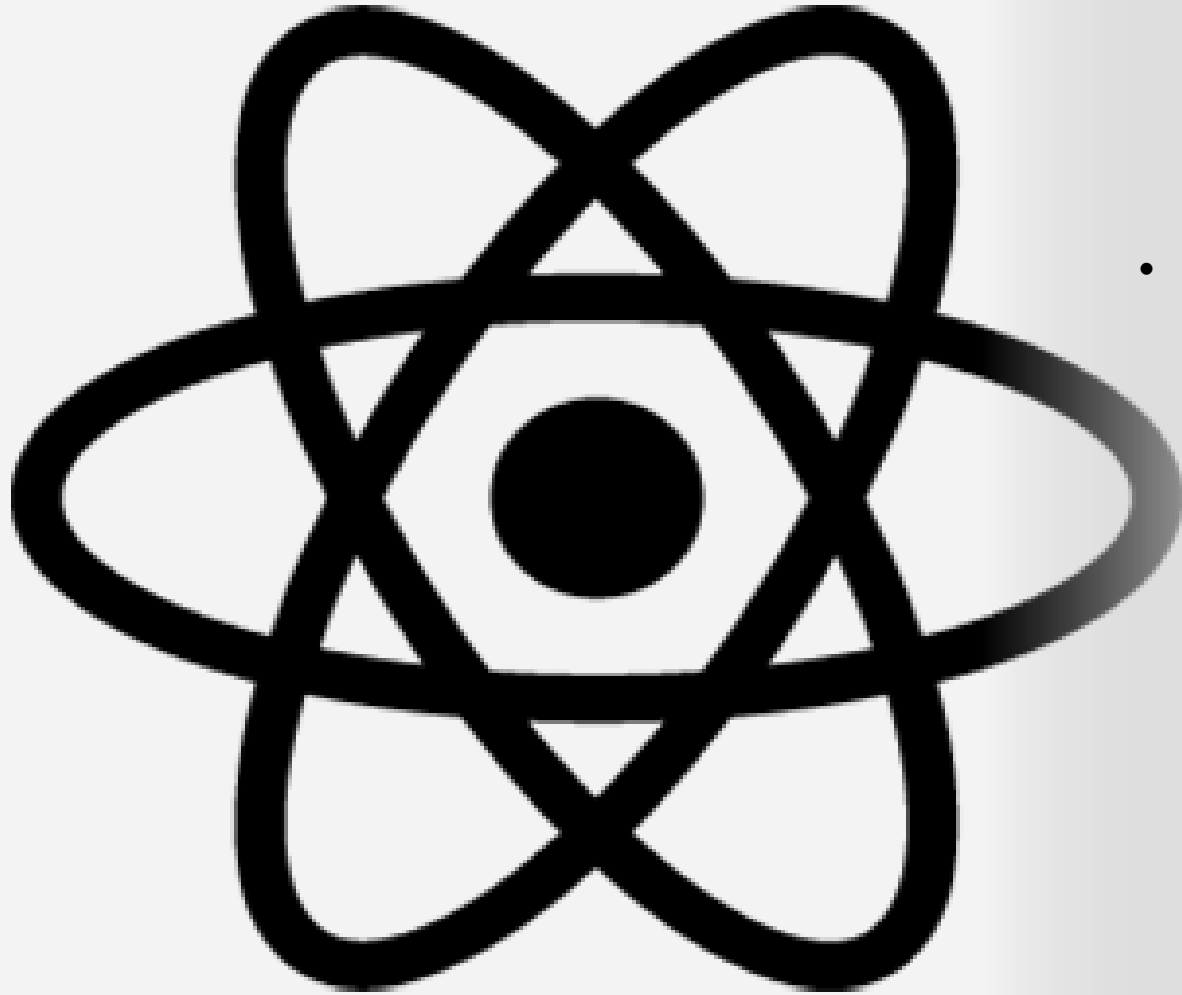


STANDARD CODE

React + Rails

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December 1, 2017

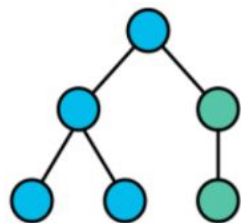
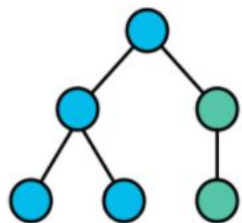
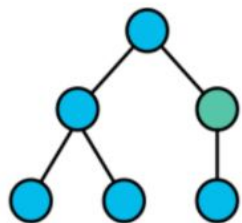


- What is React?
 - A JavaScript library for building user interfaces.
 - Developed and supported by The Facebook.

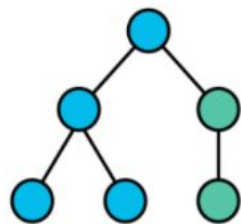
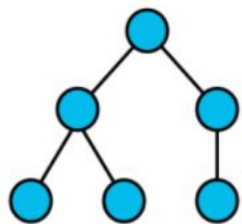
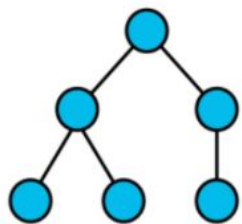


- Why use React?
 - It's easy, it's just javascript.
 - It's Declarative. Props and State.
 - The Virtual DOM is easier and faster to update than the actual DOM

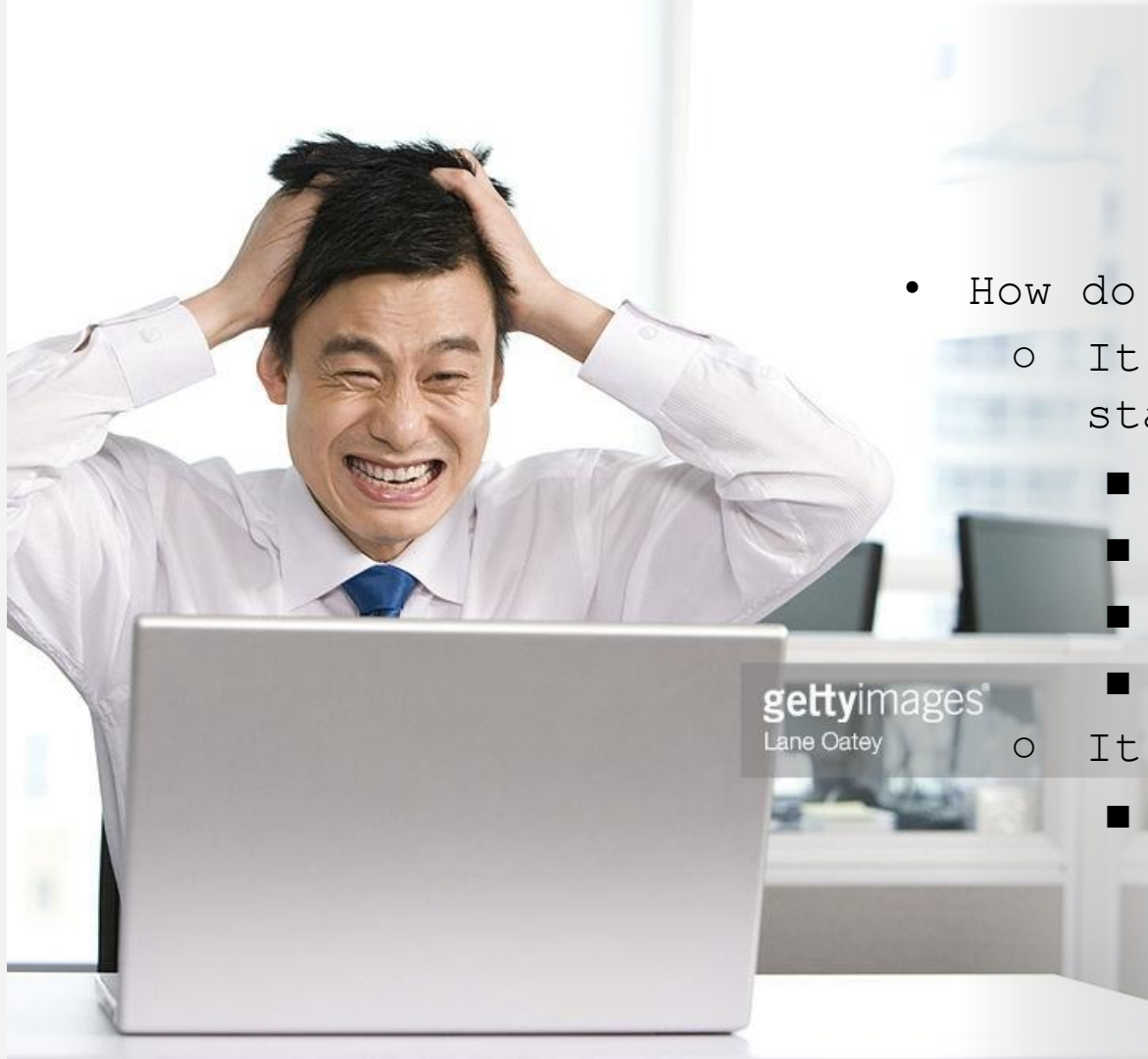
Virtual Dom



State change → Compute Diff → Re-render



Browser Dom



- How do you use React?
 - It can seem hard to get started.
 - ES6
 - Babel
 - Webpacker
 - JSX
 - It Doesn't have to be
 - `gem 'react-rails'`



- But it can't be that simple?
 - It sort of is. I **basically** just followed the README.
 - I got stuck on some stuff, there are a few caveats, so.....

Elements Console Sources Network

top Filter

Hello World from Webpacker

■ There are two methods for integration described in the README.

- Webpacker
- Asset Pipeline

Add `webpacker` and `react-rails` to your gemfile and run the installers:

```
$ bundle install
$ rails webpacker:install
$ rails webpacker:install:react
$ rails generate react:install
```

- The README is very cutting edge.
 - Specific for Rails 5.
 - Use **rake** command, **not rails**, for the two webpacker commands.



- You will need to install Yarn
 - It's a package manager for JS libraries.
 - Like Bundler, but instead of Gemfile, there's a package.json
 - Install with Homebrew



- Let's write some code and build some React Components!!!!

Thank you



STANDARD CODE

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