

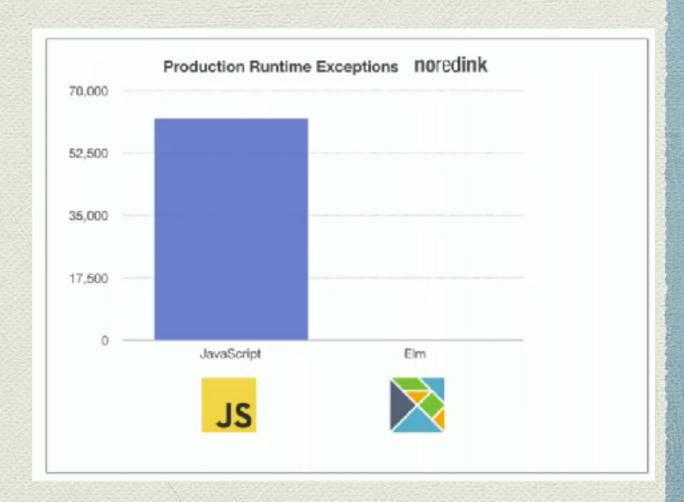
Introduction To Elm

Agenda

- What is Elm?
- How do you install Elm?
- Live coding: Refactor

What is Elm?

- Pure functional
- Compiled to Javascript
- Front-end only
- Designed for safety & ease of learning. No runtime exceptions.



How do you install Elm?

Install elm

npm install -g elm

Start a project

elm init

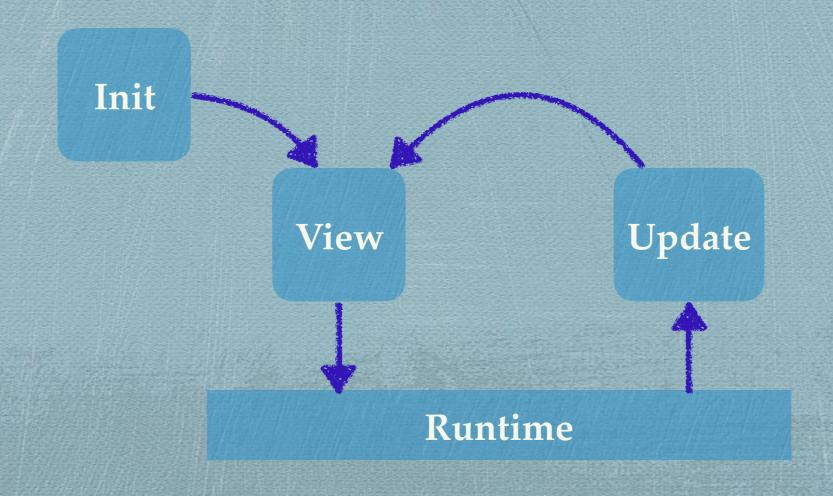
Also install the code formatter
npm install -g elm-format

Live coding: Refactor

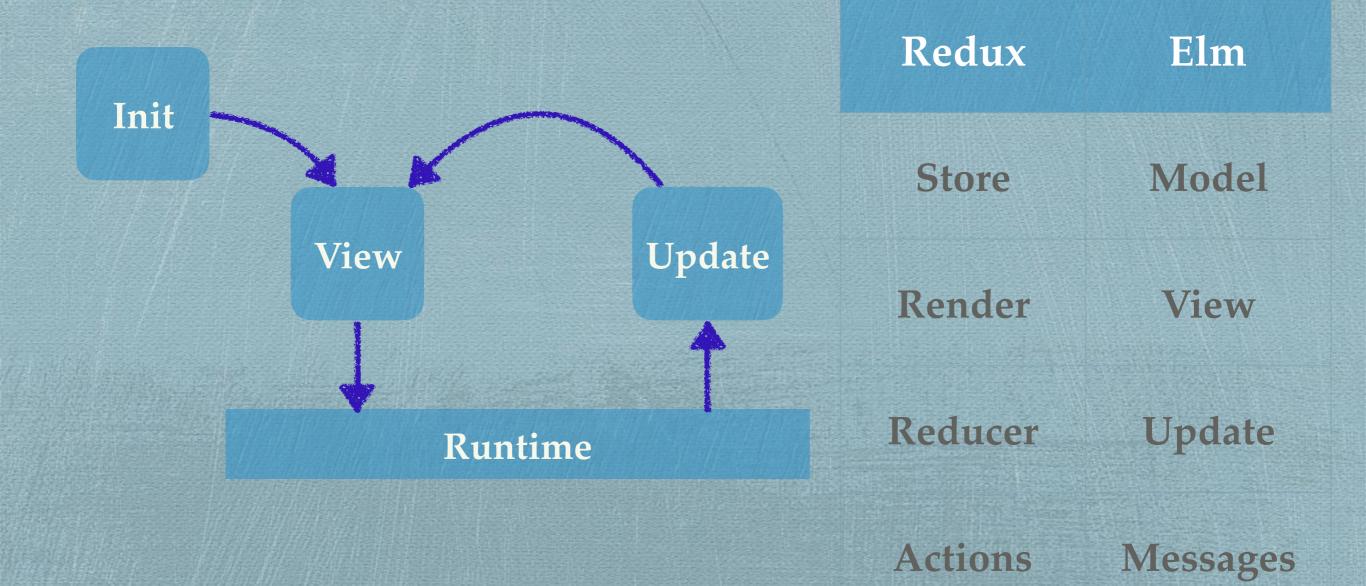
- We have a simple counter app.
- We want to refactor the app to load a gif.

How many people would do this in React/Redux JS?

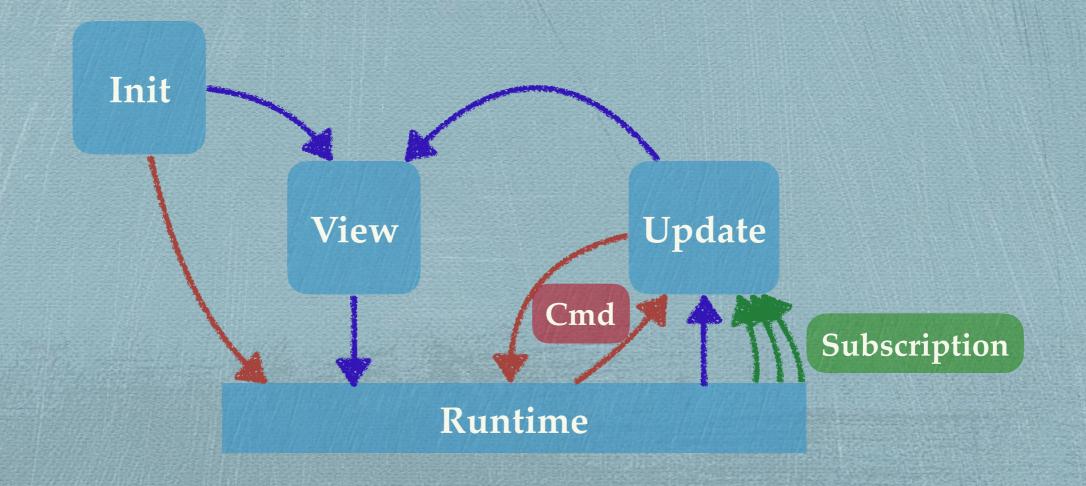
- With no tests
- With no console.logs
- Without running the code
- * The Elm programming loop is based around the compiler, not the debugger.



One-directional data flow using Browser.sandbox



Redux -> Elm terminology



Cmd & Subscription Using Browser.element



Thank you

For more information: <u>https://guide.elm-lang.org</u>