

ELM 101

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The core language

- Purely functional (looks like Haskell)
- Expressive syntax
- Statically typed
- Immutable data structures
- Very nice debugger
- Compiles to JavaScript

No more runtime exceptions

How does it look like?

DEMO

The Elm Architecture

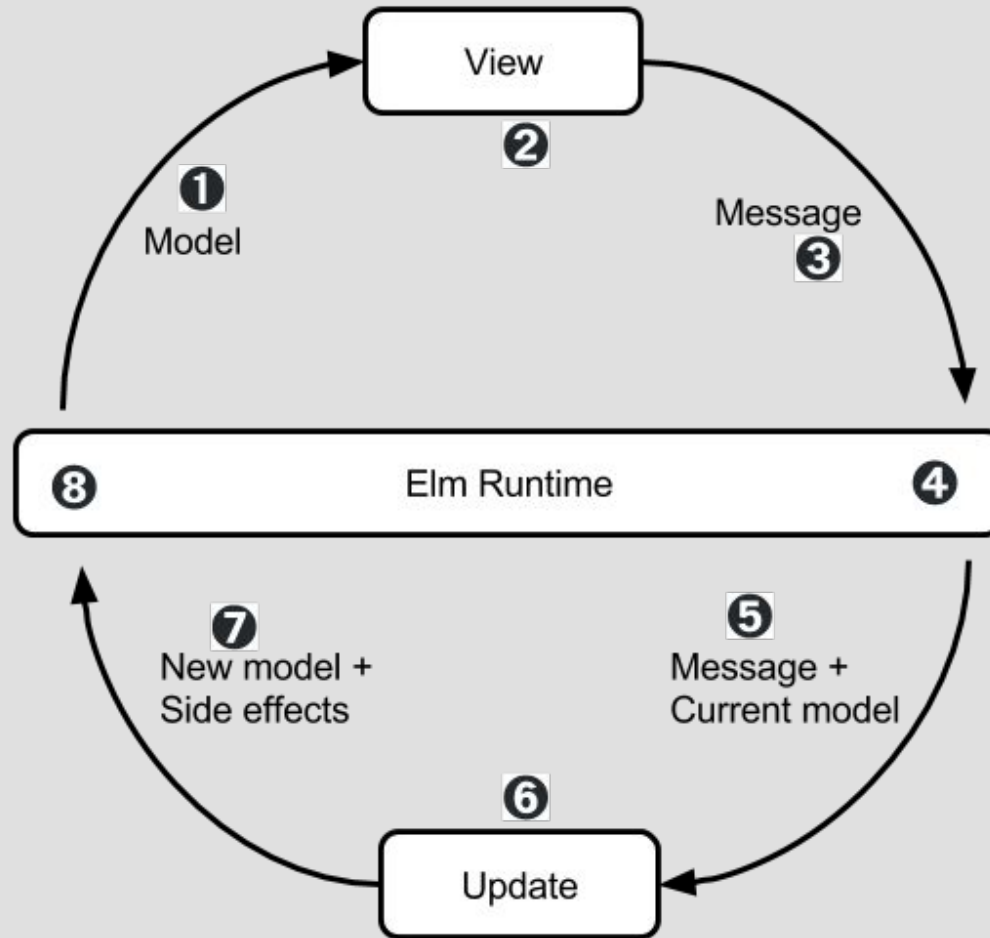
Model — the state of your application

Update — a way to update the state

View — a way to view your state as HTML

Command — triggers an event identified by a **Message type**

Subscription — listens for external input



VS React + Redux

Elm

React + Redux

| | |
|---------|------------------|
| Model | State |
| Update | Reducer |
| Message | Action (kind of) |

DEMO

Where to get started

- <http://elm-lang.org/docs/>
- <http://package.elm-lang.org/packages/elm-lang/core/latest/>
- [NoRedInk/elm-style-guide](#) + [avh4/elm-format](#)
- <https://guide.elm-lang.org>
- [isRuslan/awesome-elm](#)

Thank you

Questions?

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