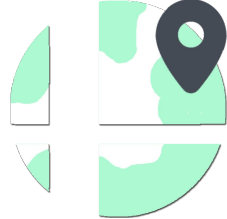




Smash Search

A Super Smash Brothers Tournament Locator



Fable

- F# to JavaScript compiler
- Functional programming
 - Pattern Matching
 - Immutable Data
 - Type Safety
- Not a full coverage of F#

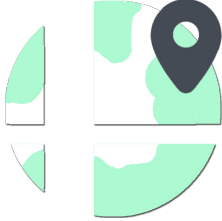




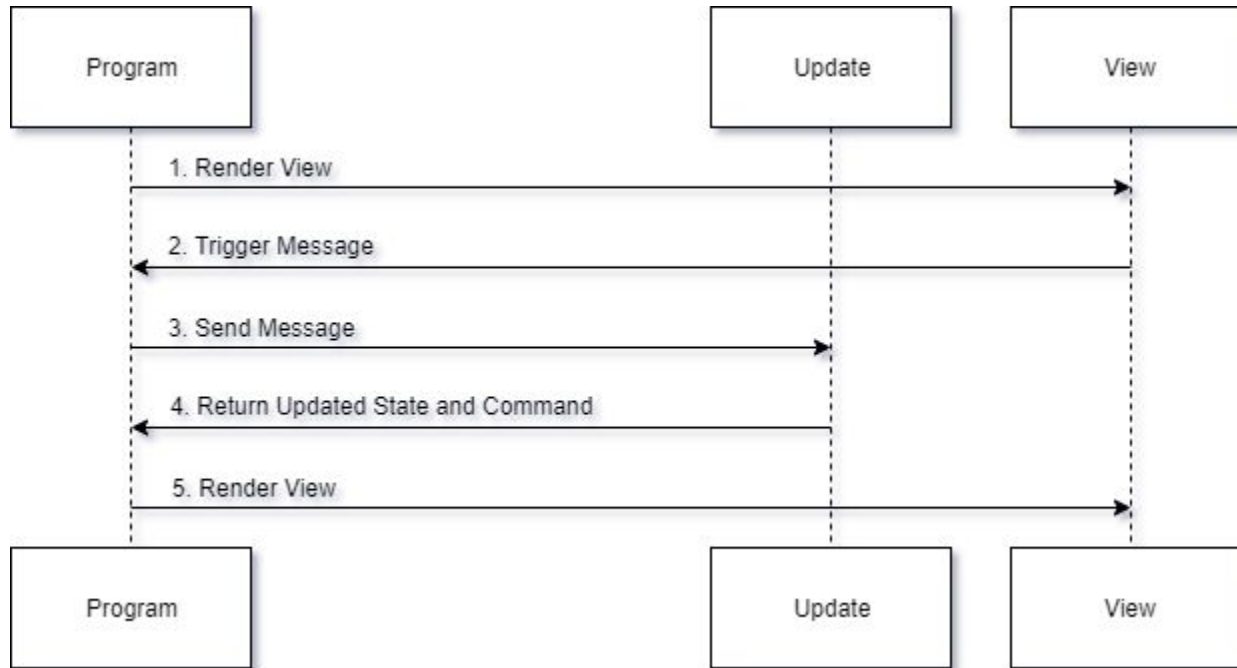
Elmish

- Fable Package
- Implements Elm Architecture
 - Used for interactive program design
 - “Model view update”
- Dispatch loop for promises/async operations





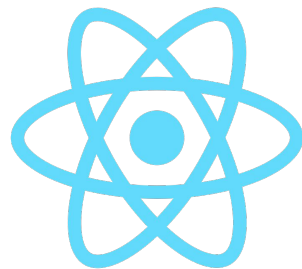
Dispatch Loop





React

- Elmish applications can run w/out a UI
 - But that's no fun ;)
- React provides components for render
 - All basic HTML elements
 - Function components
 - DOM hooks





Smash.gg API

- GraphQL
 - Clients control data they receive
 - Multiple data from one request
- Tournaments by location
 - Variables
 - perPage: maximum items to load
 - coordinates: Lat/Long of location
 - maxDistance: distance to search from coordinates
 - Data
 - Name, venue address, date, events, entrants...



Code & Demo



https://thumbs.gfycat.com/ImpressionableSereneHoneyeater-size_restricted.gif