



React FCs

Simplifying frontend and making it easier to test

What's on the menu?

- React components, what are they?
 - Some history
 - Composition
 - Example: my dev friends
- Classes vs FCs
 - props & state
 - signal to noise ratio
 - hooks
- What's next?
- Questions (and maybe answers)

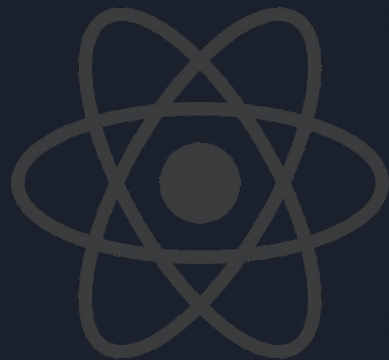




React components

- A component is an unit of code that returns JSX
 - Accepts props from direct parent
 - May have state on its own
 - JSX is valid javascript!
 - <https://fr.reactjs.org/docs/react-without-jsx.html>
- Three ways to create a component (from oldest to newest)
 - `React.createClass`
 - ES6 classes extending `React.Component`
 - Function components

All these use cascading `React.createElement` under the hood



React components

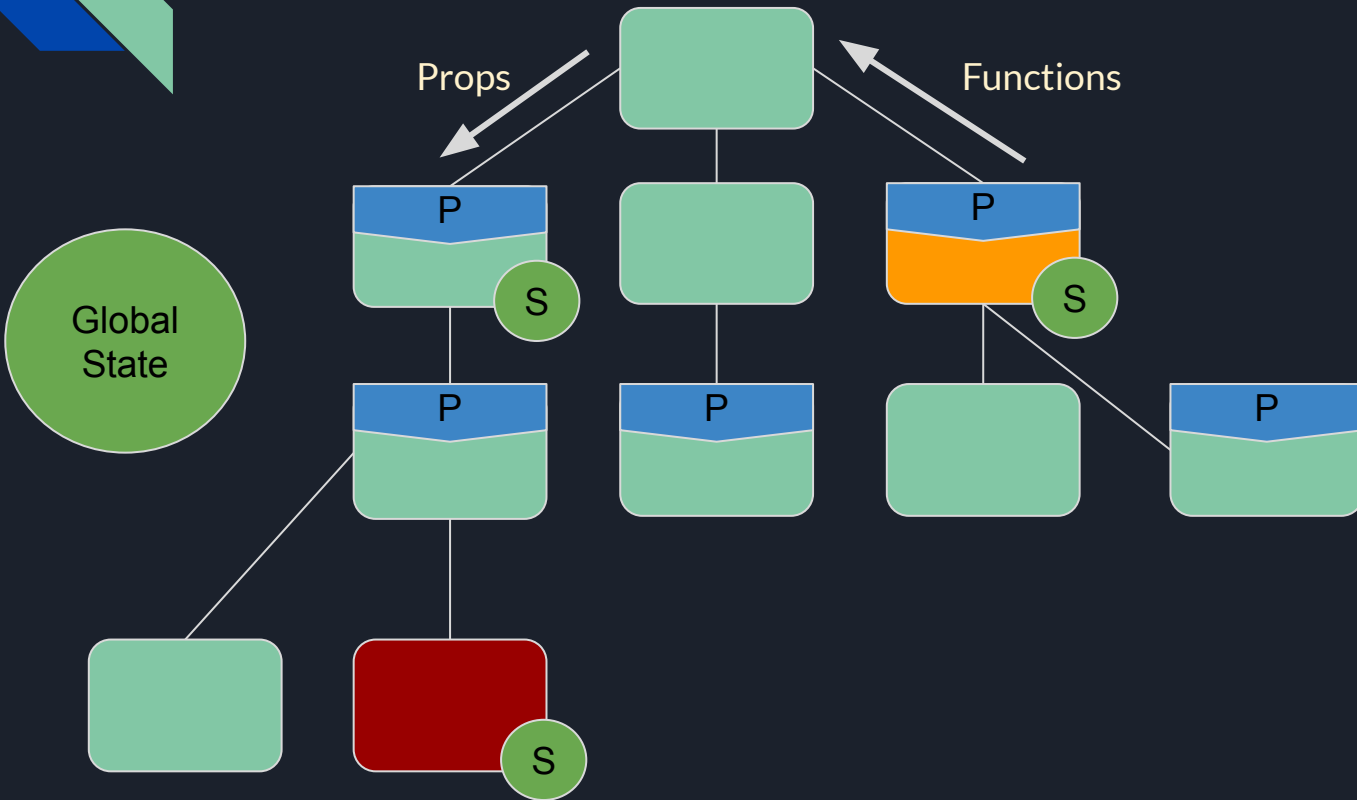
Global
State

Props

Functions

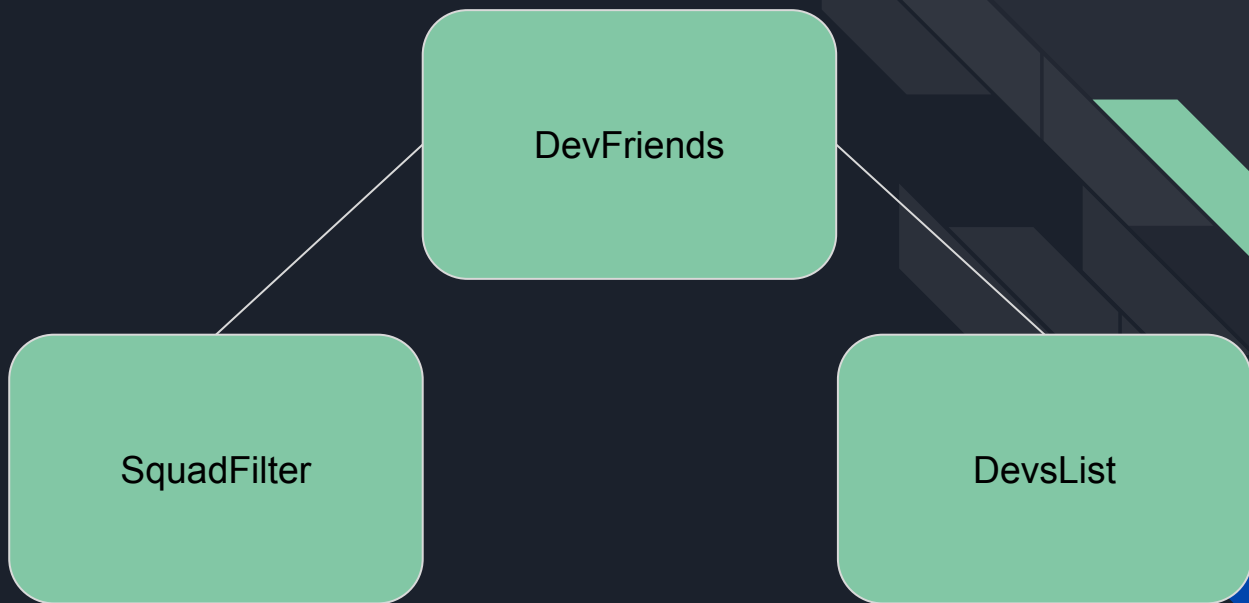
Data

Actions

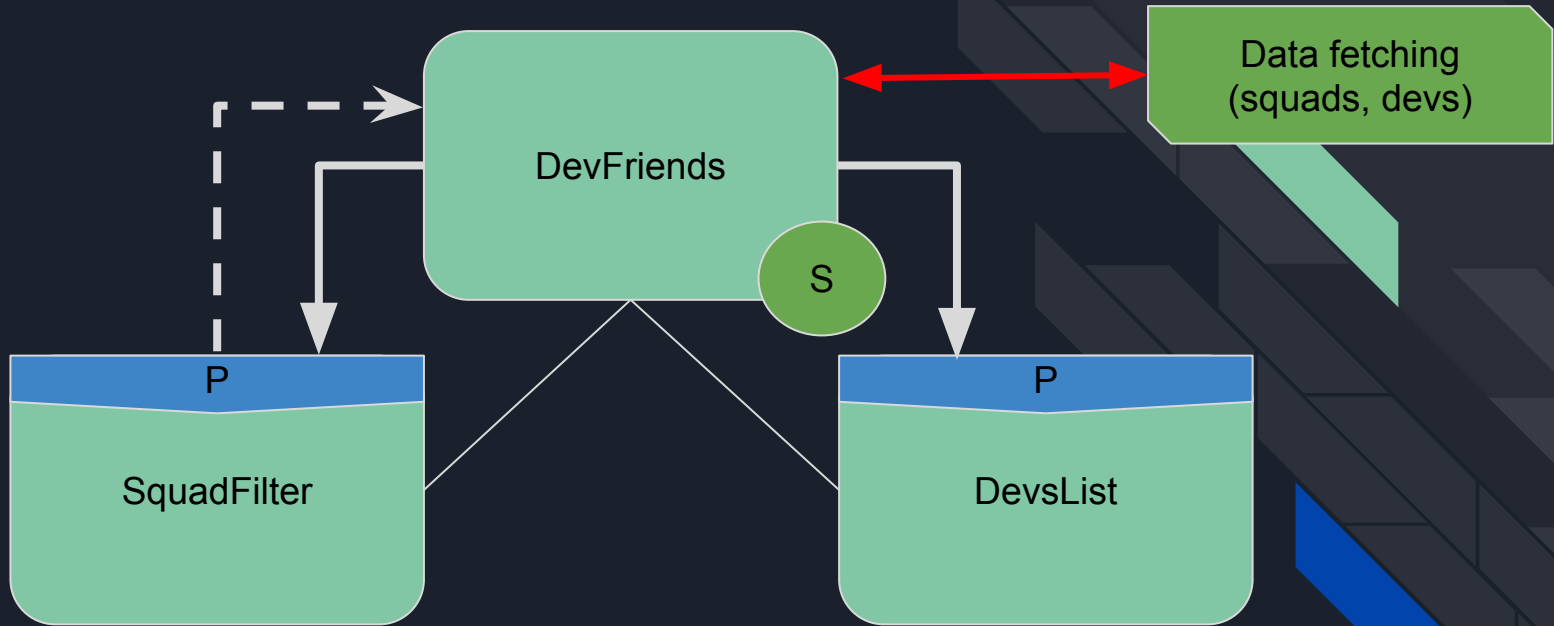


My devs friends

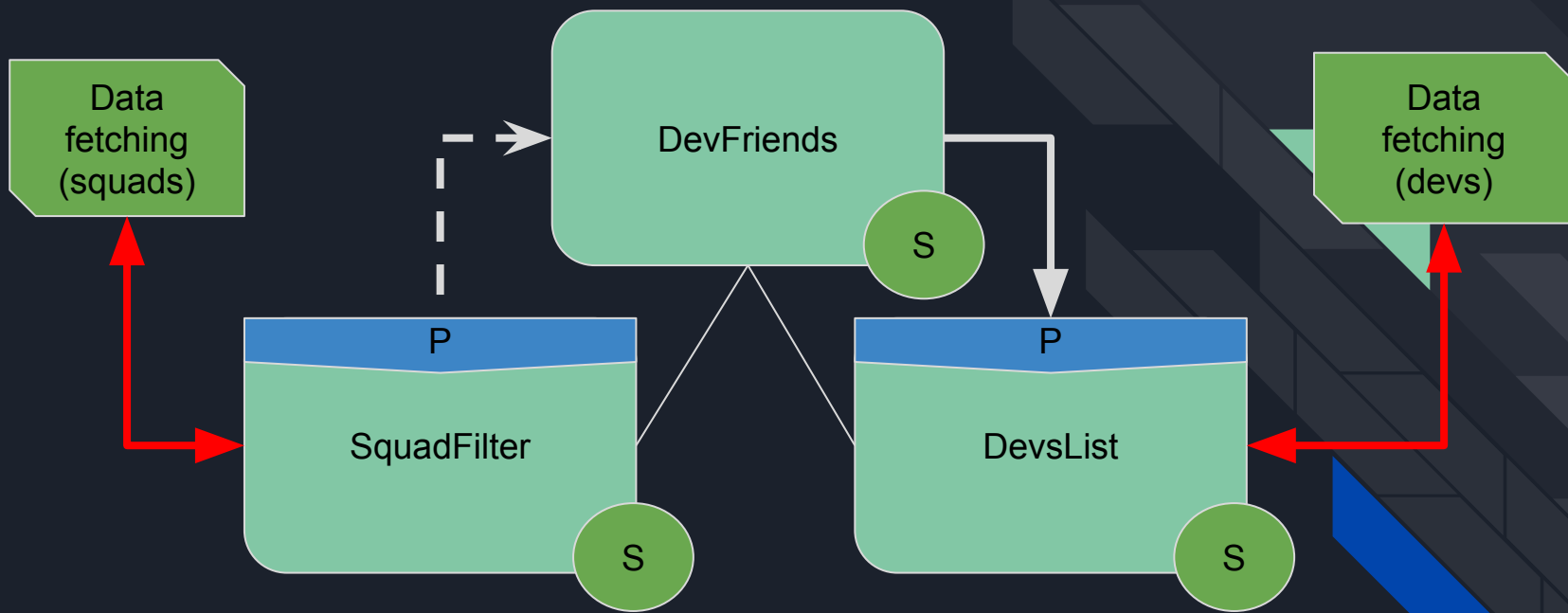
<https://github.com/jpb06/workshop-react-fcs>



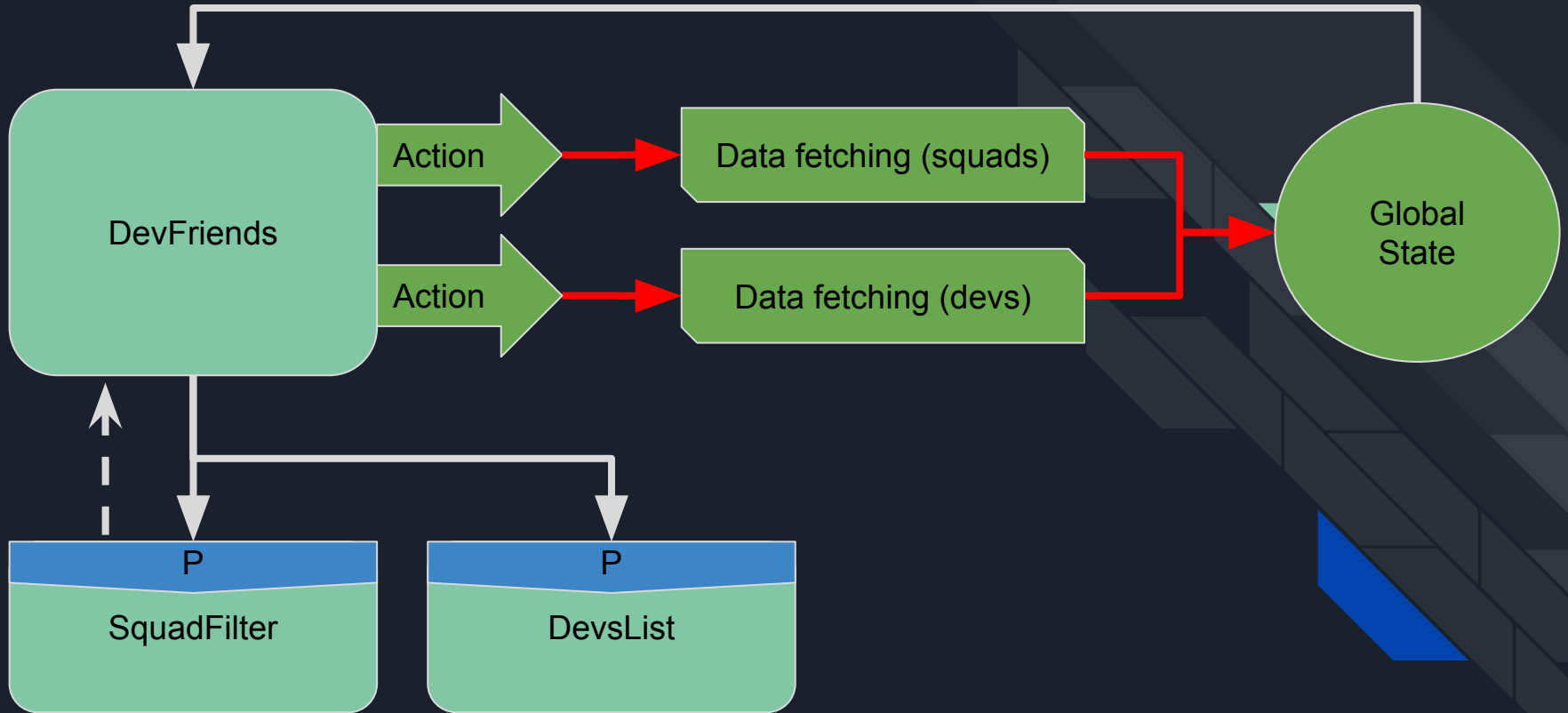
My devs friends



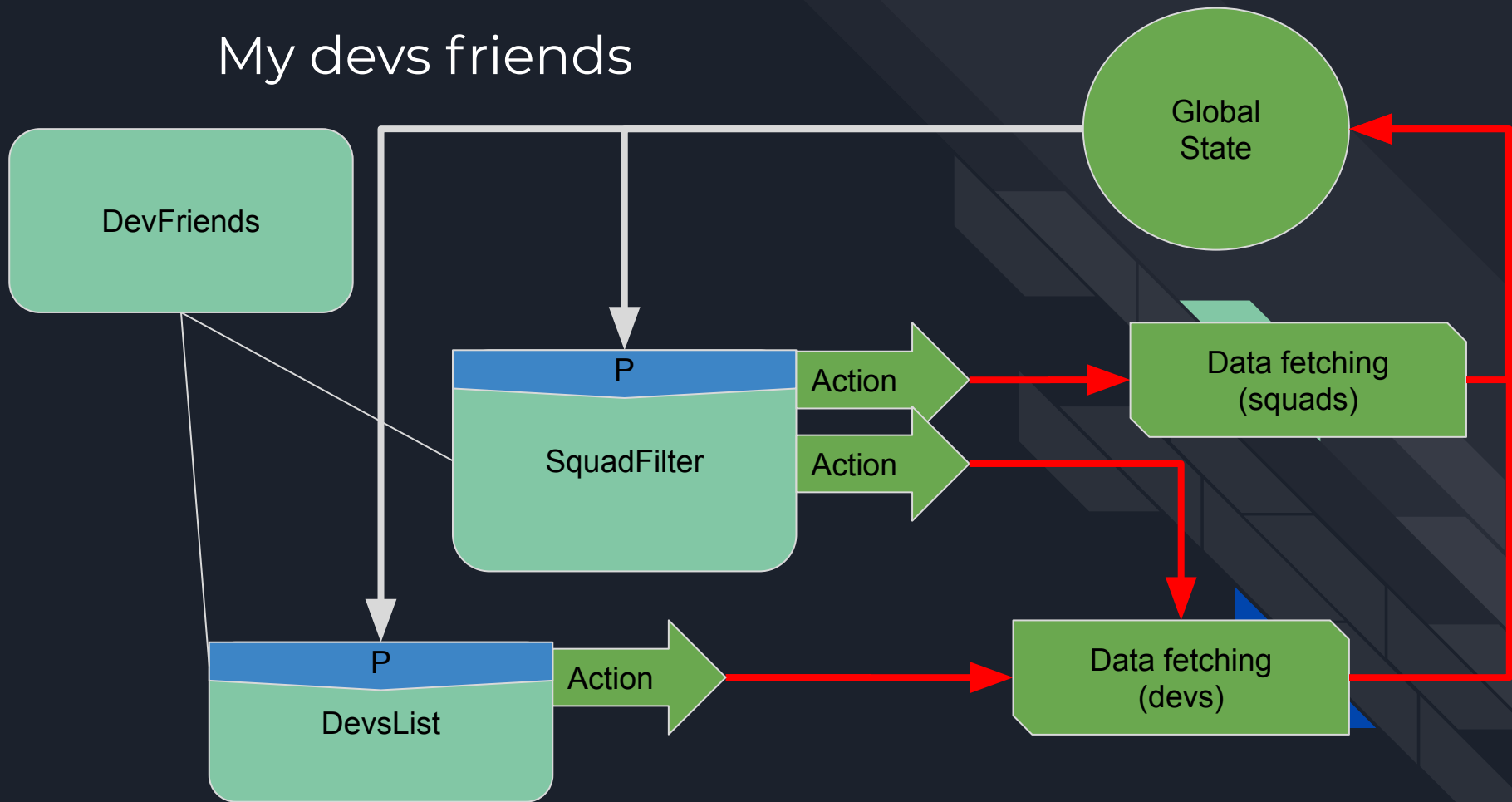
My devs friends



My devs friends



My devs friends





Really makes you thonk

But hol' up, big boy...





Function components

- Just functions, really...
- No “magical” member functions
- Captain hook

Let's take a look together



Key improvements

- Much less noise!
 - Easier to read, easier to understand
 - Increased composability
 - Better testability



no 1 gets me :(

indie levl=100

omg hi

wow

no filtr

nice

nice scraf

so vintige

wow

so hip

such class

cool



Thanks bros

Do you have questions?

Amer will answer.



Days

**Since An Employee Has Been
Thrown Under The Bus**