

Objectives

Components
Props & State
The Flow of Data
Events

Wireframe

Sketch

HTML



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POST



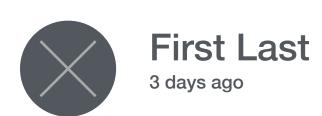
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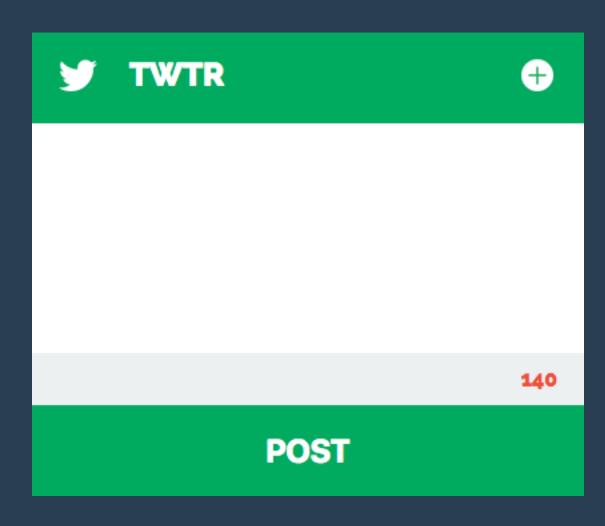
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Components

Header



Series



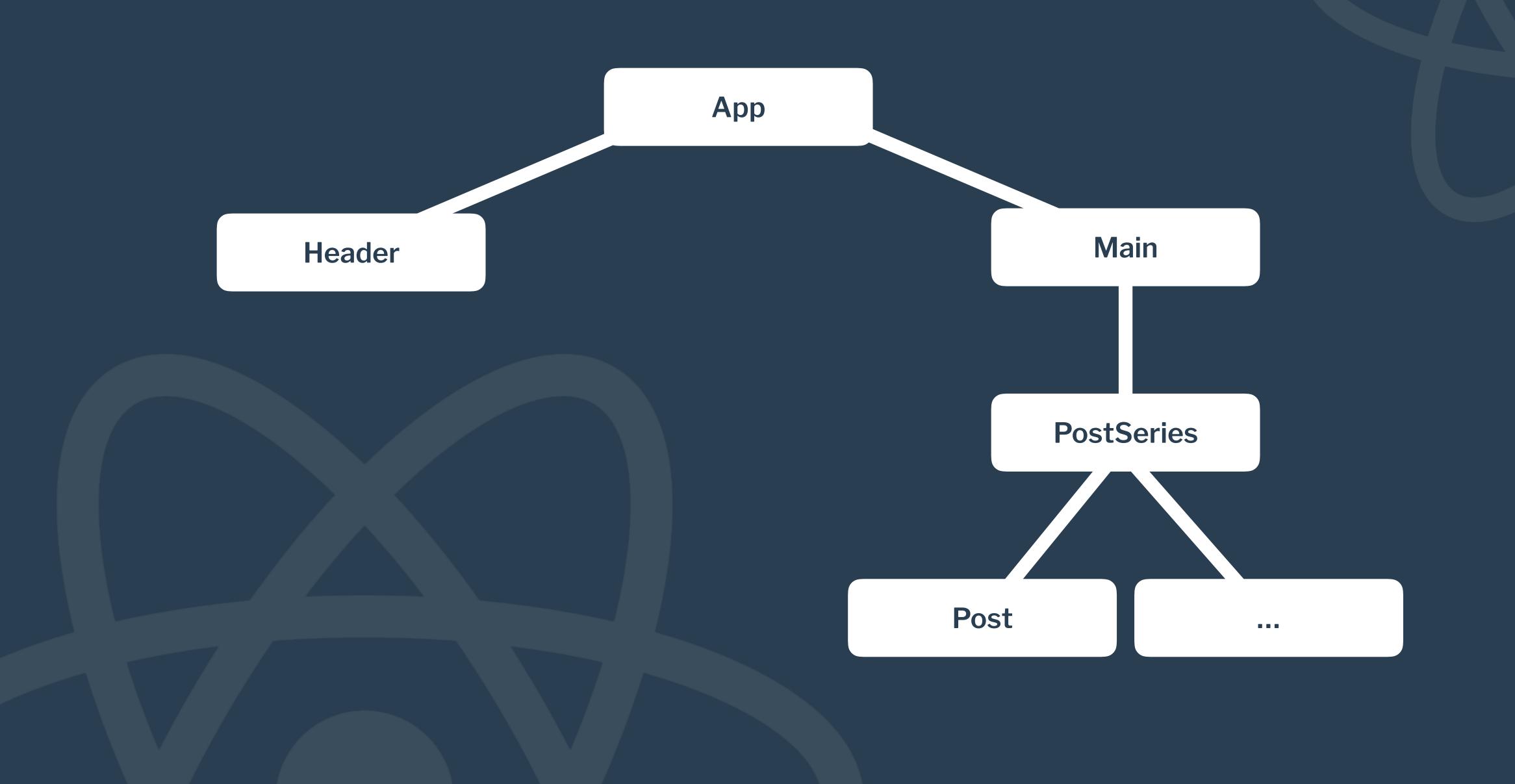
Post



Susan Malloy just now



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Props

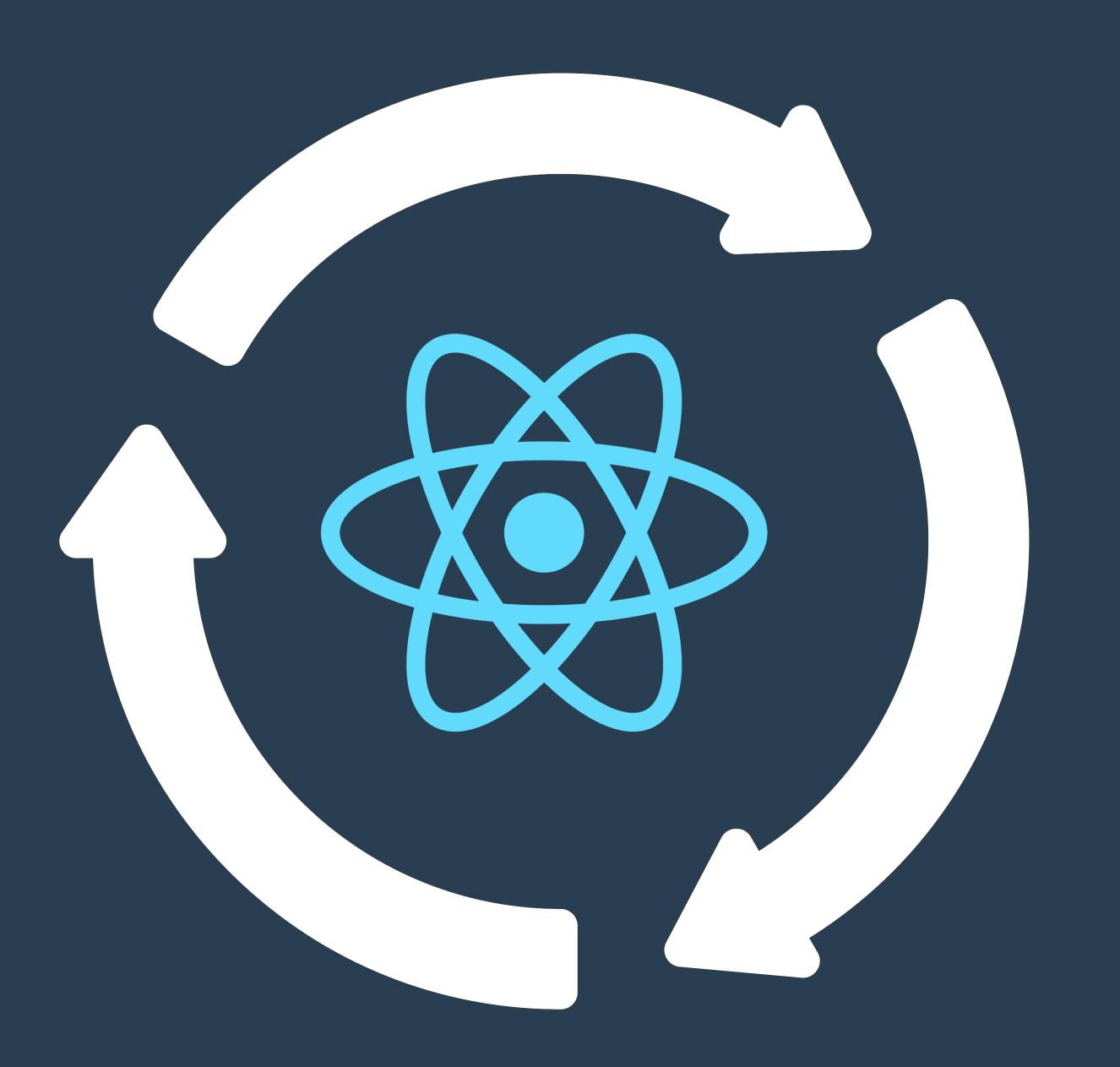


State

A React component cannot change its props.

A React component can change its own state.

React
Component
Lifecycle



Create

```
constructor()
componentWillMount()
render()
componentDidMount()
```

Update

```
componentWillReceiveProps()
shouldComponentUpdate()
componentWillUpdate()
render()
componentDidUpdate()
```

Destroy

componentWillUnmount()

Mounting

Updating

Unmounting

componentWillUnmount

componentWillReceiveProps



shouldComponentUpdate



componentWillUpdate



componentWillMount

constructor



render



componentDidMount



componentDidUpdate

Mounting

- initial state
- default props

constructor



componentWillMount



Updating

componentWillReceiveProps



shouldComponentUpdate



componentWillUpdate



render



componentDidMount



componentDidUpdate

Unmounting

componentWillUnmount

setState



render

Do not modify state directly.

```
this.state.posts = [];
```

```
this.setState({ posts: [ ] });
```

State updates are merged.

```
onError(message) {
constructor() {
  super();
                               this.setState({
                                 error: message
  this.state = {
                               });
    content: '',
    error:
```

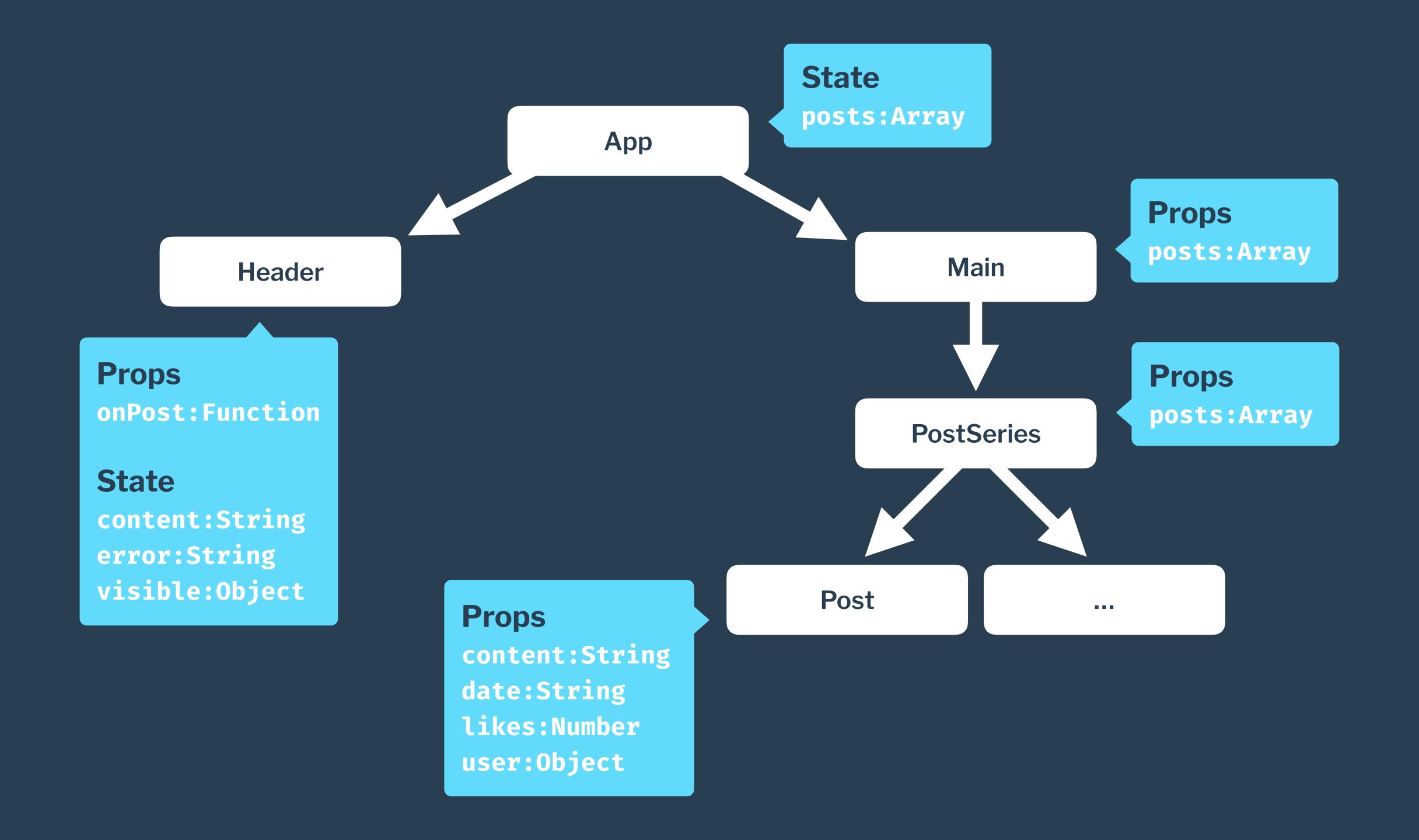
State updates may be asynchronous.



React may batch multiple setState() calls into a single update for performance.

The Flow of Data







onPost("Content");

props

Header

Props

onNewPost:Func

State

content:String

error:String

visible:Object



Handling Events

```
<button onClick={ this.onPost }>
</button>
```



Questions?





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Richard Melville 15 seconds ago



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Judy Jones 10 days ago



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Judy Jones 10 days ago



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