

Objectives

Components
Props & State
The Flow of Data
Events

Wireframe

Sketch

HTML



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris posuere, ipsum eu luctus aliquet, leo tortor euismod quam, ut facilisis orci eros sit amet nisl.

POST



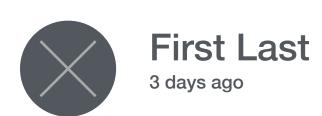
First Last
3 days ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit



First Last

Lorem ipsum dolor sit amet, consectetur adipiscing





Lorem ipsum dolor sit amet, consectetur adipiscing elit.

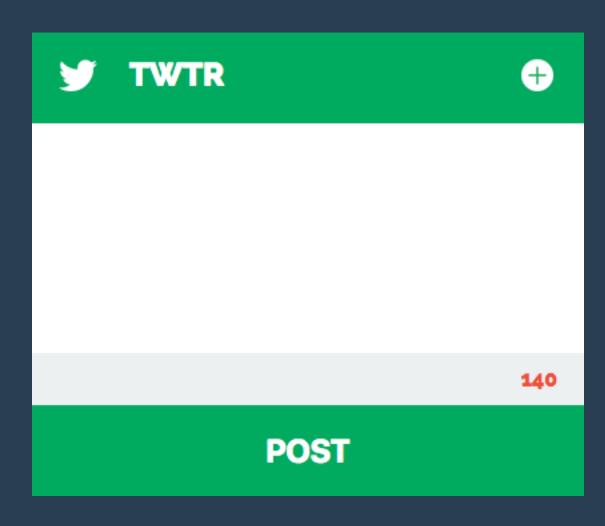
Phasellus hendrerit lectus nibh nullam.



10 days ago

Components

Header



Series



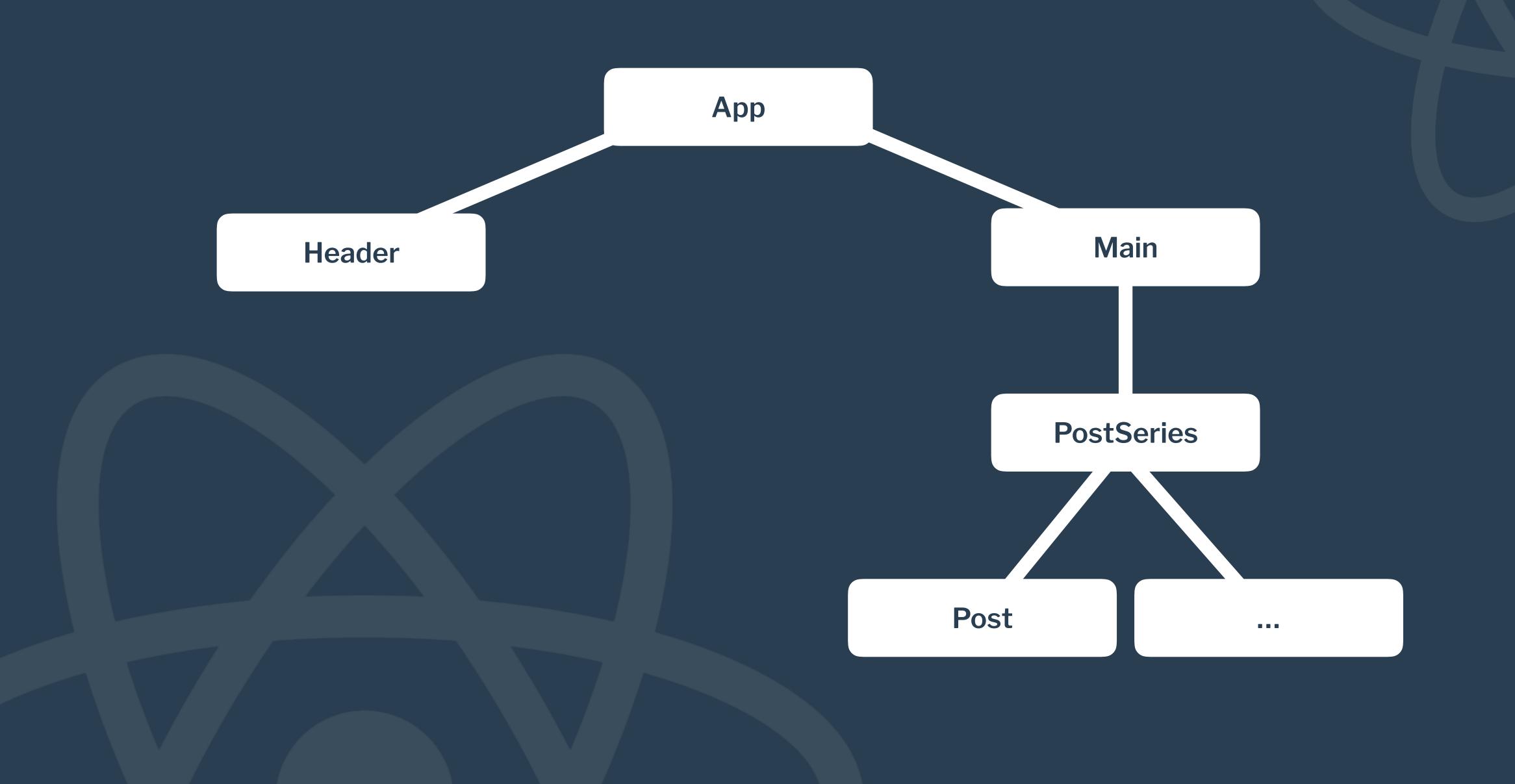
Post



Susan Malloy just now



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur dignissim cursus enim sit amet aliquet. Donec gravida nec tellus posuere.



Props

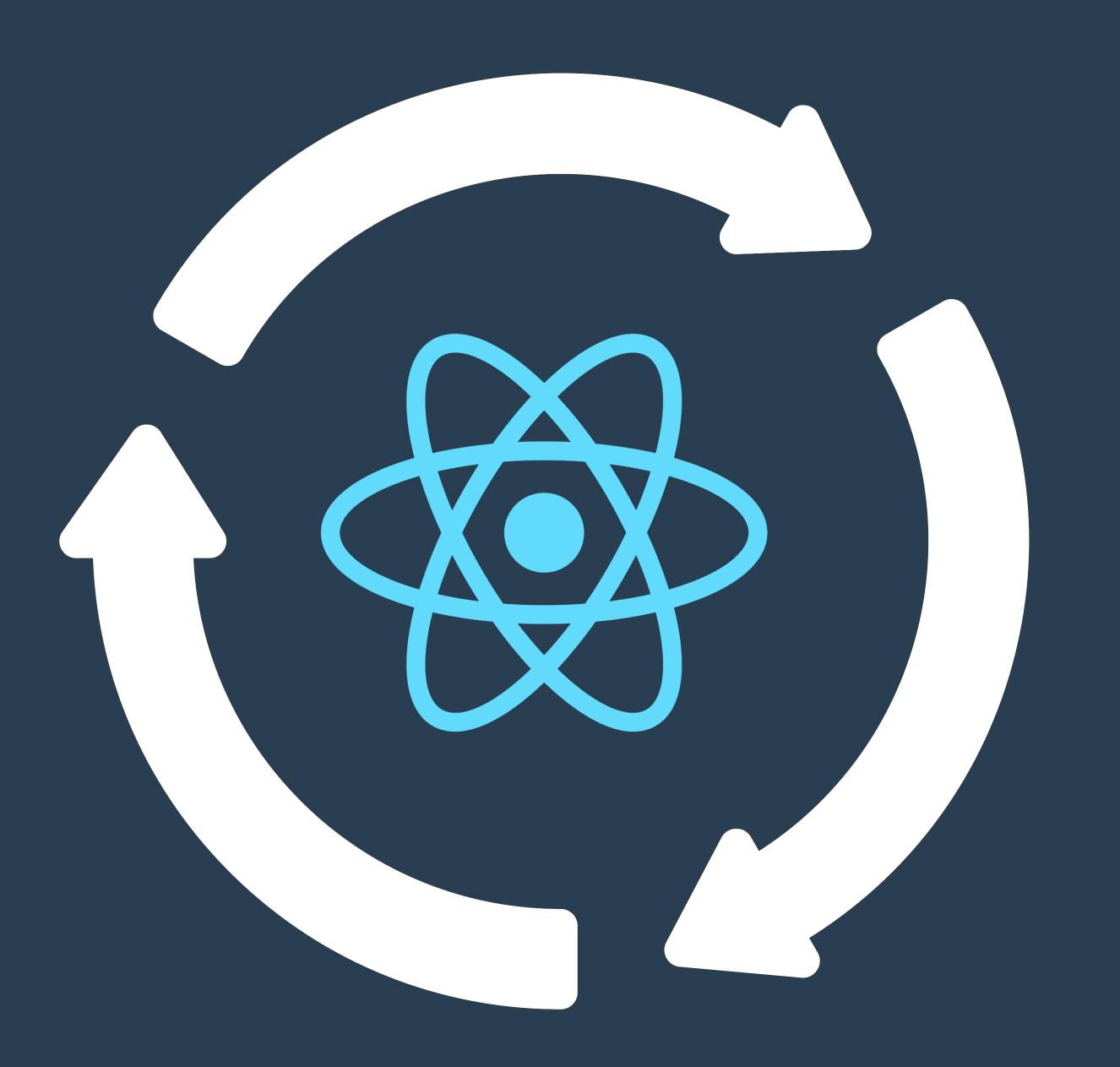


State

A React component cannot change it's props.

A React component can change it's 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.

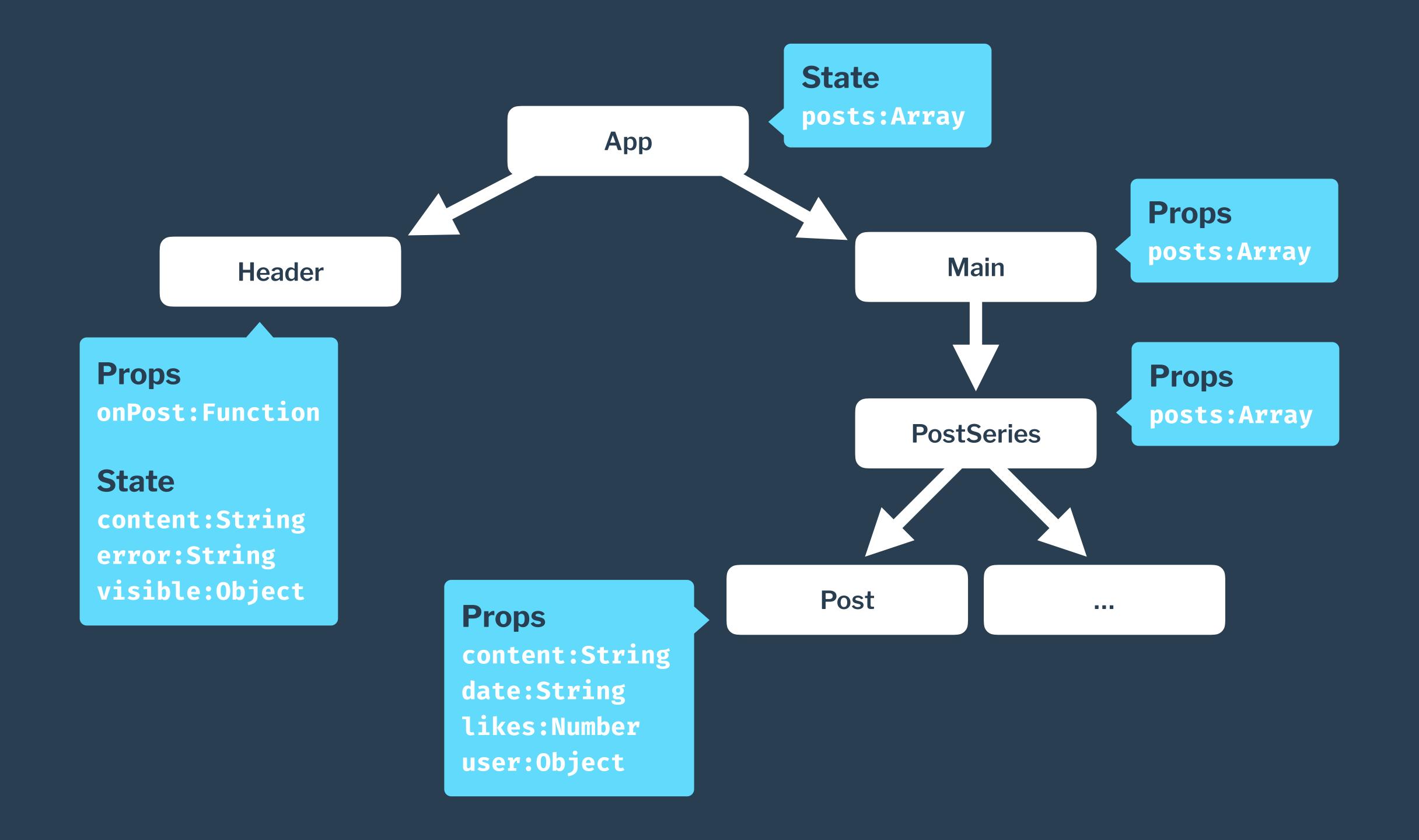
State updates may be asynchronous.



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?





140

POST



Susan Malloy just now



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur dignissim cursus enim sit amet aliquet. Donec gravida nec tellus posuere.



Richard Melville 15 seconds ago



Lorem ipsum dolor sit amet, consectetur adipiscing elit posuere.



Judy Jones 10 days ago



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus hendrerit lectus nibh nullam.





140

POST



Susan Malloy just now



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur dignissim cursus enim sit amet aliquet. Donec gravida nec tellus posuere.



Richard Melville



15 seconds ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit posuere.



Judy Jones 10 days ago



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus hendrerit lectus nibh nullam.







140

POST



Susan Malloy just now



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur dignissim cursus enim sit amet aliquet. Donec gravida nec tellus posuere.



Richard Melville



15 seconds ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit posuere.



Judy Jones 10 days ago



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus hendrerit lectus nibh nullam.