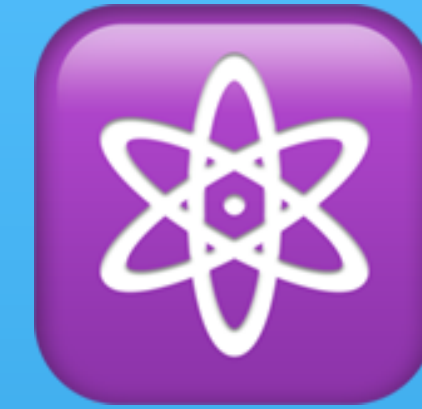


React Hooks



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React

React

- ✓ Class Based Components
- ✓ State vs Prop
- ✓ Lifecycle Methods

React

- ✓ Class Based Components
- ✓ State vs Prop
- ✓ Lifecycle Methods

```
1 class Welcome extends React.Component {
2   state = {
3     isWelcome: true
4   }
5
6   componentDidMount() {
7     // API Fetching Stuff
8   }
9
10  render() {
11    return <h1>Hello, {this.props.name}</h1>
12  }
13
14  componentWillUnmount() {
15    // API Cleanup
16  }
17 }
```

The problems

Class based Components

The problems

- ✗ Does Not Truly follow the OOP Standards
- ✗ You don't `new` those Class Components
- ✗ Huge Components
- ✗ Hard to Test

React Hooks



```
1 function Welcome({ name }) {  
2   const [isWelcoming, setIsWelcoming] = useState(true)  
3  
4   useEffect(() => {  
5     // API Fetching code  
6  
7     return () => {  
8       // API Cleanup code  
9     }  
10  })  
11  
12  return <h1>Hello, {name}</h1>  
13 }
```

React Hooks

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LOT OF HOOOOKS

React Hooks

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`useState()`

`useState()`

`useEffect()`

React Hooks

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`useState()`

`useEffect()`

`useReducer()`

React Hooks

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`useState()`

`useEffect()`

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`useContext()`

React Hooks

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React Hooks

`useState()`
`useEffect()`
`useReducer()`

`useState()`
`useEffect()`
`useReducer()`

<https://reactjs.org/docs/hooks-reference.html>

React Hooks

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useState

```
const [state, setState] = useState(initialState)
```

```
const [state, setState] = useState(initialState)
const [state, setState] = useState(initialState)
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const [state, setState] = useState(initialState)
const [state, setState] = useState(initialState)
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const [state, setState] = useState(initialState)
const [state, setState] = useState(initialState)
```

useReducer

```
const [state, dispatch] = useReducer(reducer, initialState)
```

useEffect

useEffect

=

Lifecycle methods

useEffect

≠

Lifecycle methods

What did we Learn?

Learn More

Google: React Hooks API

YouTube: React Hooks API

Questions?

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Thanks .

Stay Safe.

Bye 🖐️