Migrating Your Existing Apps to React Hooks



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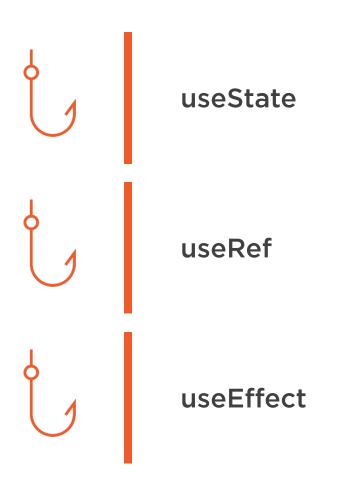
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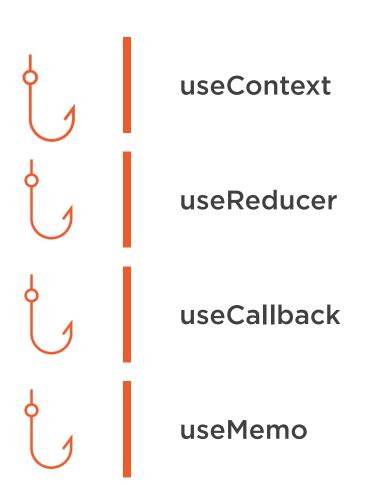
React Hooks only available in React Functional Components.

React Hooks can manage state and lifecycle events.

Three Most Common Hooks



Four More Hooks



Echo input demonstration with history.

State

React Hooks

```
const [inputText, setInputText] =
   useState('');

onChange={e => {
   setInputText(e.target.value);
}}
```

Class Components

```
state = {
  inputText: ''
}

handleChange = event => {
  this.setState({
    inputText: event.target.value
  });
};
```

Ref

React Hooks

Class Components

```
class MyComp
  extends React.Component {
  render() {
    const imageRef = React.createRef();
    return <img src="x.png"
        ref={imageRef} />;
  }
}
```

Lifecycle Events

React Hooks

```
const MyFunct = () => {
    useEffect(() => {
        console.log(
            "mounting")
        return () => {
            console.log(
                 "dismounting")
        };
    }, [isLoading]);
```

Class Components

useEffect Second Parameter, Dependency Array

Null

invocation of component

Empty Array

useEffect run only on first invocation of component

Values

useEffect runs only when any of array values change