

Reactjs Cheatsheet

Quick Reference for React Developers

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1. Components

Functional Component: `const MyComponent= () => { return <div>Hello</div>; }`
ClassComponent: `class MyComponentextends React.Component{ render() { return <div>Hello</div>; } }`

2. Hooks

useState `const [state, setState] = useState(initialState);`
useEffect `useEffect(() => { // side effect }, [dependencies]);`

3. State and Props

State: `this.state = { key: value };`
Props: `const MyComponent= (props) => { return <div>{props.value}</div>; }`

4. Lifecycle Methods

componentDidMount: `componentDidMount() { // code }`
componentDidUpdate: `componentDidUpdate(prevProps, prevState) { // code }`

5. Event Handling

Handling Events `const handleClick= () => { // code };`

6. Conditional Rendering

Conditional Rendering: `{condition? <ComponentA/> : <ComponentB/>}`

7. Lists and Keys

Rendering Lists `{items.map(item => <li key={item.id}>{item.name})}`

8. Context API

Create Context: `const MyContext= React.createContext();`
Use Context: `const value = useContext(MyContext);`

9. Routing

BasicRouting: `<Route path="/home" component={Home} />`

10. Styling

Inline Styles `const style = { color: 'blue' };`
CSSModules: `import styles from './styles.module.css';`

