

Declaring Components and Props using TypeScript



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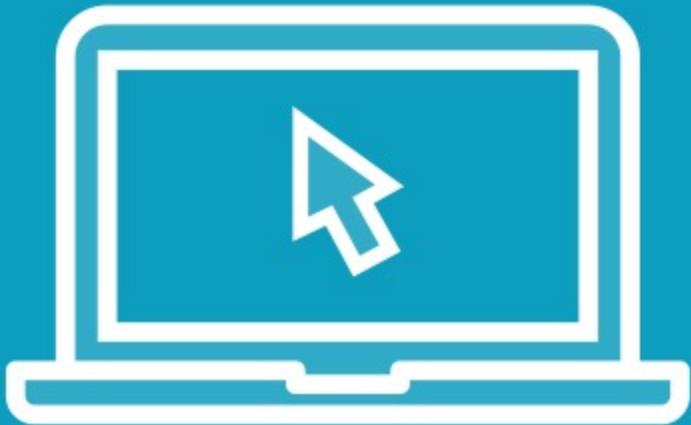
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Overview



- Components as building blocks
 - Props as the contract
 - Communicating meaning
 - Help with tools (editor/IDE)

Demo



- **Class components**
- **Implementing error boundary with props and state**
- **Working with component children**
- **Function components**
- **Implementing a navigation link**
- **Warning of potential bugs**
- **Self-documenting code**

Creating Class Components with Props and State

Creating Function Components with Props

Summary



- Class and function components with props
 - Children and prop contracts
 - Stick to function components
 - Use react-error-boundary
 - Components are self-documenting
 - Tools can provide early warning of potential bugs

Up Next:
Using Hooks with TypeScript
