

# Implementing Routing

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**Most popular React router**

**Not part of React**

- Separate open source project

**Fast, declarative client-side routing**



# Demo



## React Router

- Create app layout
- Declare routes with placeholders
- Read URL parameters
- Handle 404s
- Implement links
- Redirect

**Create product detail and cart pages**



# Summary



## React Router

- Declare routes via `<Route>`
- Declared and read URL placeholders
- Use `<Link>` instead of anchor
- Handled 404s
- Redirect via `useNavigate`

## Next up

- Implement cart
- Shared state
- Derived state
- Immutable state

