

# React Router

*Certainly! React Router is a popular library for handling routing in React applications. Here's a basic example of how you can use React Router:*

*First, you'll need to install React Router:*

```
npm install react-router-dom
```

Then, you can create your routes. Here's an example:

```
// App.js
import React from 'react';
import { BrowserRouter as Router, Route, Switch, Link } from 'react-router-dom';
import Home from './components/Home';
import About from './components/About';
import Contact from './components/Contact';

const App = () => {
  return (
    <Router>
```

```
// Home.js
import React from 'react';

const Home = () => {
  return <h2>Home</h2>;
};

export default Home;
```

```
// About.js
import React from 'react';

const About = () => {
  return <h2>About</h2>;
};

export default About;
```

```
// Contact.js
import React from 'react';

const Contact = () => {
  return <h2>Contact</h2>;
};

export default Contact;
```

In this example:

- 1 We import **BrowserRouter**, **Route**, **Switch**, and **Link** from **react-router-dom**.
- 2 We define our routes using the **Route** component inside a **Switch** component.

- 3 We use the **Link** component to navigate between different routes.
- 4 Each route component (**Home, About, Contact**) is rendered when the URL matches its path.