

⚡ Current Skill React Router Basics

React Router Basics

Here's an example of how our routes will look like:

```
<Routes>

  <Route path="/" element={<Home />} />

  <Route path="/category" element={<Category />} />


  <Route path="/login" element={<Login />} />

  <Route path="/products" element={<Products />} />

</Routes>
```

Router

You need a **router** component and several **route** components to set up a basic route as exemplified in the previous screen. Since we're building a browser-based application, we can use two types of routers from the React Router API:

- 
1. `<BrowserRouter>`
 2. `<HashRouter>`

The primary difference between them is evident in the URLs that they create:

```
// <BrowserRouter>

http://example.com/about
```


```
// <HashRouter>

http://example.com/#/about
```



Router

The `<BrowserRouter>` is more popular amongst the two because it uses the HTML5 History API to keep track of your router history. The `<HashRouter>`, on the other hand, uses the hash portion of the URL (`window.location.hash`) to remember things. If you intend to support legacy browsers, you should stick with `<HashRouter>`.



Wrap the `<BrowserRouter>` component around the App component.

In `index.js`:


```
/* Import statements */

import React from 'react';
import ReactDOM from 'react-dom';

/* App is the entry point to the React code.*/
import App from './App';

/* import BrowserRouter from 'react-router-dom' */
import { BrowserRouter } from 'react-router-dom';

ReactDOM.render(
  <BrowserRouter>
    <App />
  </BrowserRouter>
  , document.getElementById('root'));
```

 *Note: A router component can only have one single child element. The child element can be an HTML element — such as `div` — or a react component.*

For the React Router to work, you need to import the relevant API from the `react-router-dom` library. Here We've imported the `BrowserRouter` into `index.js`. We've also imported the `App` component from `App.js`. `App.js`, as you might have guessed, is the entry point to React components.

The above code creates a history instance for our entire App component.

Let us now formally introduce you to history.



[< Previous](#)

[next >](#)



