**Installing React Router**

React Router can be installed via npm and the ‘react-router-dom’ package. I’m using this particular package since I’m writing something for the browser. There is also a package for React Native. Both of these install the ‘react-router’ package as a dependency.

npm i react-router-dom --save

npm i react-router --save

The example I’m using was created with ‘create-react-app’ and then I pruned the files that weren’t necessary. The file structure looks like this.

/app  
 /components  
 App.js  
 index.css  
 index.html  
 index.js  
/node\_modules  
package.json

#### Example code

I like to put my <Router> and <Route>components at the top level of my apps so I can keep them organized. In this example, I keep them in the ‘index.js’ file as what gets rendered by calling ReactDOM.render().

//index.js

import React from 'react';  
import ReactDOM from 'react-dom';  
import { BrowserRouter as Router, Route } from 'react-router-dom';

import { Title, List } from './components/App';  
import './index.css';

ReactDOM.render(  
 <Router>  
 <div>  
 <Route exact path="/" component={Title} />  
 <Route path="/list" component={List} />

<Route path="/list" component={List} />

<Route path="/list" component={List} />  
 </div>  
 </Router>,  
 document.getElementById('app')  
)

The ‘App.js’ file in this case just contains the two components. Those each contain a <Link> component with a “to” argument pointing to the appropriate route

//App.js

import React, { Component } from 'react';  
import { Link } from 'react-router-dom';

const Title = () => {  
 return (  
 <div className="title">  
 <h1>React Router demo</h1>  
 <Link to="/list"><button>Show the List</button></Link>  
 </div>  
 )  
}

const List = () => {  
 return (  
 <div className="nav">  
 <ul>  
 <li>list item</li>  
 <li>list item</li>  
 </ul>  
 <Link to="/"><button>Back Home</button></Link>  
 </div>  
 )  
}

module.exports = {  
 Title,  
 List  
};