

React Router cheat sheet

install dependency

```
yarn add react-router-dom
```

```
# or: npm i --save react-router-dom
```

Hello World!

```
import {
  BrowserRouter,
  Route
} from 'react-router-dom'

const Hello = () => <h1>Hello world!</h1>

const App = () => (
  <BrowserRouter>
    <div>
      <Route path="/hello"
component={Hello} />
    </div>
  </BrowserRouter>
)

// open: http://localhost:3000/hello
```

Switch

//Renders the first <Route> that matches the location.

```
import {
  BrowserRouter,
  Switch,
  Route
} from 'react-router'

const YourComponent = () => (
  <BrowserRouter>
    <Switch>
      <Route exact path="/"
component={Home}/>
      <Route path="/about"
component={About}/>
      <Route path="/:user"
component={User}/>
      <Route component={NoMatch}/>
    </Switch>
  </BrowserRouter>
);

export default YourComponent
```

Link

```
import { Link } from 'react-router-dom'

const Links = ({ match }) => (
  <nav>
    <Link to="/">Home</Link>
    <Link to={{ pathname: '/dashboard' }}>
      Dashboard
    </Link>
    <Link replace to="/about">About</
Link>
  </nav>
)

export default Links
```

NavLink

```
import { NavLink } from 'react-router-dom'

const Links = ({ match }) => (
  <nav>
    <NavLink activeClassName="active"
to="/">
      Home
    </NavLink>
    <NavLink activeClassName="active"
to="/dashboard">
      Dashboard
    </NavLink>
    <NavLink activeClassName="active"
to="/about">
      About
    </NavLink>
  </nav>
)

export default Links
```

match

```
const Dashboard = ({ match }) => (
  <ul>
    <li>params:
{JSON.stringify(match.params)}</li>
    <li>isExact: {match.isExact.toString()}
  </li>
    <li>path: {match.path}</li>
    <li>url: {match.url}</li>
  </ul>
)

<Route path="/dashboard"
component={Dashboard}/>
```