**React-router-dom**

1. Router define
2. *using router:Data APIs support*
3. *createBrowserRouter();*
4. *createHashRouter();*
5. *createMemoryRouter();*
6. *using router component:Not Support Data APIs*
7. *BrowserRouter*
8. *HashRouter*
9. *MemoryRouter*
10. *NativeRouter(for mobile)*
11. Route Dynamic Path
12. *“/post/:id/:title?author=sumon&type=technology”*
13. *getting parameter:*
14. *const {id,title} = useParams();*
15. *getting search query:*
16. *const location = useLocation();*
17. *const queryParams = new URLSearchParams(location.search);*
18. *const author = queryParams.get(“author”);*
19. *const type = queryParams.get(“type”)*
20. Route Nested
21. *using router:*
22. *children: [{},{},{}]*
23. *using router component:*
24. *<Route><Route/></Route>*
25. *getting nested component:*
26. *<Outlet/>*
27. Route Dynamic Link
28. *For normal:*
29. *<Link to= “/”>lnk1</Link>*
30. *For active link:*
31. *<NavLink to= “/”>link1</NavLink>*
32. Route Active Link
33. *<Link className={({isActive,isPending})=>isActive ? “” : isPending ? “” : “”}>Link1</NavLink>*
34. Route Data Loading
35. *loading on using router:*
36. *loader: async ({params})=> await fetch(`*[*https:www.user.com/user/$*](https://www.user.com/user/$)*{params.id}`)*
37. *loading on using router component:*
38. *loader={async ()=>{}}*
39. *accept loading data:*
40. *const data = useLoaderData();*