



Most common **ReactJS**
Interview Questions

What is a

React Router





What is a Router in React?

React Router is a **powerful routing library** built on top of React, which helps in adding new screens and flows to the application.

This keeps the **URL in sync** with data that's being displayed on the web page.

It **maintains** a standardized **structure** and is used for developing **single-page** web applications.





Why do we need a Router?

A Router is used to **define** multiple **routes** and when a user types a specific URL.

If this URL **matches** the **path** of any 'route' defined inside the router, then the user is redirected to that particular route.

```
● ● ●  
<switch>  
  <route exact path='/' component={Home} />  
  <route path='/posts/:id' component={Newpost} />  
  <route path='/posts' component={Post} />  
</switch>
```





Some advantages:

- No need to manually set **History** value
- A Router can be visualized as a **single root component** (`<BrowserRouter>`) in which we enclose the specific child routes
- Three packages one each for **Web**, **Native** and **Core**.



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