



_nology

TALENT IN **TECH**NICOLOUR

SPA & Routing

Learning Objectives

- What is a SPA?
- What is routing?
- How can we implement it?

Routing

`www.yourwebsite.com/profile`

`www.yourwebsite.com/about`



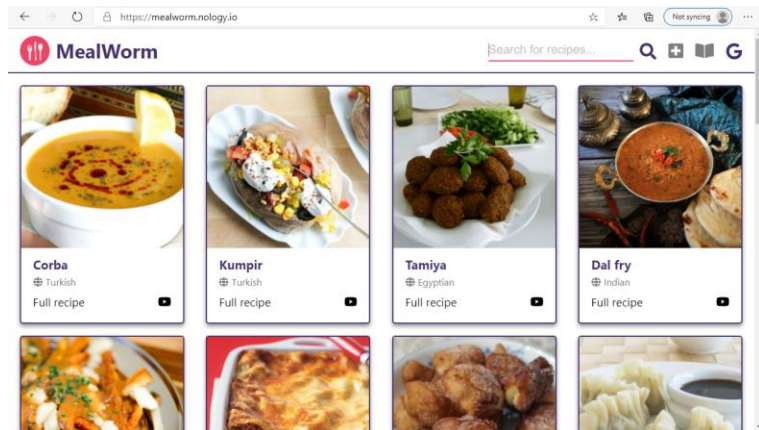
React Routing

SPA

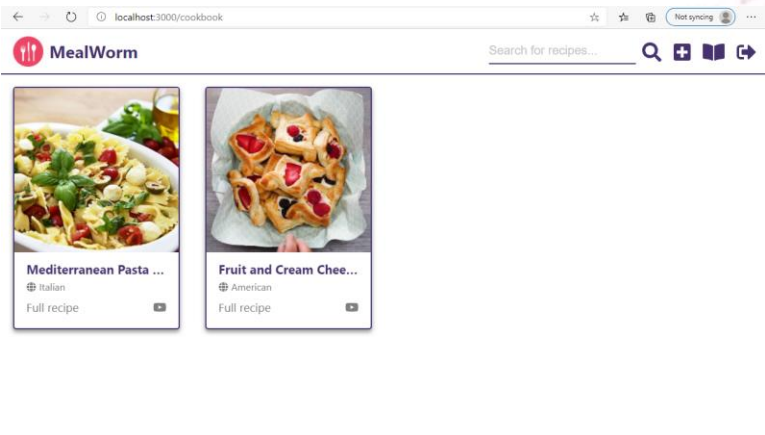
`www.yourwebsite.com/contact`

Reach Router

Route: "/" Component: Dashboard



Route: "/cookbook" Component: Cookbook



<https://reach.tech/router>

Code along - Sandbox

- Create Dashboard, Cookbook and Routes containers and a NotFound component
- Create the relevant paths and default routes in the Routes.jsx
- Move map logic and styles for Card components from App.jsx into Dashboard.jsx
- Move Routes into the .content section in App.jsx
- Add Links to the cookbook icon and MealWorm logo
- Once routing is working create a CardList component that takes recipes as props and implement in Dashboard

Challenge

- Create a new app with 3 pages: Home, Login and Favourites
- Create a simple Navbar with Links to the 3 pages
- Implement routing between these pages
- Add a default route to a not found page

.. extension: How can we do nested routing?

Additional Reading

- [Reach Router - Overview](#)
- React Router: Declarative Routing for React.js