Vue Router

- Vue Router allows us to navigate the user to different "pages" of the app at different routes/paths.

- Vue tears down and replaces components at a given route. The page never refreshes. A Vue app is a single-page application.

Routes

- We provide a Vue Router with an array of routes.

- Each route specifies a **path**, a **name**, and a **component**.

- We typically store our "page" components in the **views** directory to differentiate them from smaller components.

<router-view> and <router-link>

- The **<router-view>** component watches the path and renders the correct dynamic component as the path changes.

- We can mix constant content with dynamic content from **<router-view>**.

- The **<router-link>** component simulates an **<a>** hyperlink. The user clicks it to navigate.

$route and $router

- Every component gains access to a **this.$route** property to access information about the route.

- Every component gains access to the Vue Router via the **this.$router** property. We can use the router to force navigation to a new path (for example, when the user clicks a button).

Stubbing Vue Router Components

- **<router-link>** and **<router-view>** are registered as global components. Our tests do not understand where they are coming from.

- We could stub out a **<router-link>** with the generic stub but the **RouterLinkStub** component is a more *specialized* stub that can more effectively play the role of a **<router-link>**.