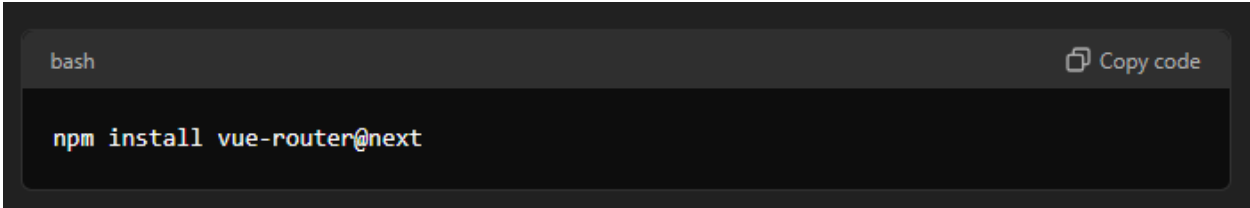


Navbar With Router.

To create routes in a Vue.js 3 project, you will need to install and configure `vue-router`. Here is a step-by-step guide to setting up routes in a Vue.js 3 application:

1. **Install Vue Router:**

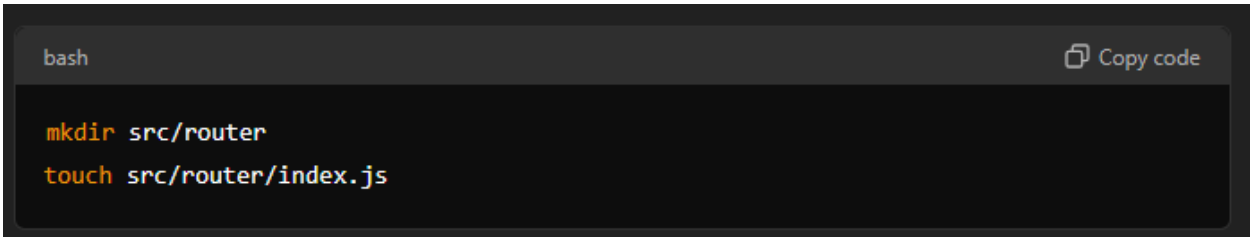
If you haven't already installed `vue-router`, you can do so by running the following command in your project directory:

A terminal window with a dark background. The top bar shows 'bash' on the left and a 'Copy code' button on the right. The main area contains the command 'npm install vue-router@next' in a light blue font.

```
bash
npm install vue-router@next
```

2. **Set Up the Router:**

Create a `router` directory in your `src` folder, and inside it, create an `index.js` file. This file will be used to define and configure your routes.

A terminal window with a dark background. The top bar shows 'bash' on the left and a 'Copy code' button on the right. The main area contains two commands: 'mkdir src/router' and 'touch src/router/index.js' in a light blue font.

```
bash
mkdir src/router
touch src/router/index.js
```

In `src/router/index.js`, set up your routes as follows:

```
// src/router/index.js
import { createRouter, createWebHistory } from 'vue-router';
import Home from '../views/Home.vue';
import About from '../views/About.vue';
import Contact from '../views/Contact.vue';
import Profile from '../views/Profile.vue';

const routes = [
  { path: '/', component: Home },
  { path: '/about', component: About },
  { path: '/contact', component: Contact },
  { path: '/profile', component: Profile }
];

const router = createRouter({
  history: createWebHistory(),
  routes
});

export default router;
```

3. Create View Components:

Create the view components in the `views` directory. For this example, create `Home.vue` and `About.vue` inside the `views` directory.

```
bash Copy code

mkdir src/views
touch src/views/Home.vue src/views/About.vue
```

Add some content to these components:

`src/views/Home.vue`:

```
html Copy code

<template>
  <div>
    <h1>Home</h1>
    <p>Welcome to the Home page!</p>
  </div>
</template>

<script>
export default {
  name: 'Home'
};
</script>
```

src/views/About.vue:

```
html Copy code

<template>
  <div>
    <h1>About</h1>
    <p>This is the About page.</p>
  </div>
</template>

<script>
export default {
  name: 'About'
};
</script>
```

Create other pending pages etc.

4. Integrate the Router with Your Vue App:

In your main entry file (`main.js`), import the router and add it to your Vue app:

```
javascript Copy code  
  
import { createApp } from 'vue';  
import App from './App.vue';  
import router from './router';  
  
createApp(App)  
  .use(router)  
  .mount('#app');
```

5. Update App.vue:

Modify `App.vue` to include a `<router-view>` where the matched components will be rendered, and optionally add a navigation menu:

```
<!-- components/App.vue -->  
  
<template>  
  <div>  
    <Navbar />  
    <router-view></router-view>  
  </div>  
</template>  
  
<script>  
import Navbar from './components/Navbar.vue';  
  
export default {  
  components: {  
    Navbar  
  },  
};  
</script>
```

```
<!-- components/Navbar.vue -->
```

```
<div class="offcanvas-body">
  <ul class="navbar-nav justify-content-end flex-grow-1 pe-3">
    <li class="nav-item">
      <router-link class="nav-link" to="/" aria-current="page">Home</router-link>
    </li>
    <li class="nav-item">
      <router-link class="nav-link" to="/about">About</router-link>
    </li>
    <li class="nav-item">
      <router-link class="nav-link" to="/contact">Contact</router-link>
    </li>
    <li class="nav-item">
      <router-link class="nav-link" to="/profile">Profile</router-link>
    </li>
  </ul>
</div>
```