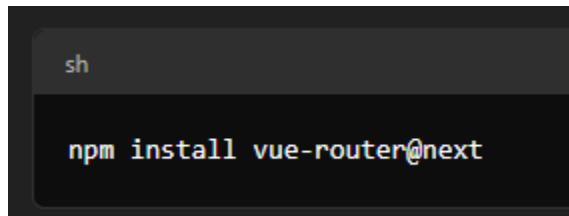# Pages.

In Vue.js 3, creating a multi-page application is typically done using Vue Router, which allows you to define routes and map them to components. Here's a basic guide to setting up and using Vue Router to create pages in a Vue.js 3 application.

## Step-by-Step Example

1. **Install Vue Router**: If you haven't already, you need to install Vue Router in your Vue.js project.

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

2. **Set Up Vue Router**: Create a `router` folder and a `router/index.js` file in your project.

3. **Define Routes**: In `router/index.js`, you'll define your routes and import the components that will act as pages.

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

const routes = [
  {
    path: '/',
    name: 'Home',
    component: Home
  },
  {
    path: '/about',
    name: 'About',
    component: About
  }
]

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

export default router
```

4. **Create Page Components**: Create the components for each page in the `views` folder.

```
<!-- views/Home.vue -->
<template>
  <div>
    <h1>Home Page</h1>
    <p>Welcome to the home page!</p>
  </div>
</template>

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

```
<!-- views/About.vue -->
<template>
  <div>
    <h1>About Page</h1>
    <p>This is the about page.</p>
  </div>
</template>

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

5. **Configure Vue to Use the Router**: In your `main.js` file, import the router and tell Vue to use it.

```
// main.js
import { createApp } from 'vue'
import App from './App.vue'
import router from './router'

const app = createApp(App)
app.use(router)
app.mount('#app')
```

6.**Set Up Router View**: In your `App.vue` file, use the `<router-view>` component to render the current route.

```
<!-- App.vue -->
<template>
  <div id="app">
    <nav>
      <router-link to="/">Home</router-link>
      <router-link to="/about">About</router-link>
    </nav>
    <router-view></router-view>
  </div>
</template>
```

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

<style>
nav {
  margin-bottom: 20px;
}
nav a {
  margin-right: 10px;
}
</style>
```

**Summary**

1. **Install Vue Router**.
2. **Set up the router** in `router/index.js`.
3. **Create page components** in the `views` folder.
4. **Configure the main Vue instance** to use the router in `main.js`.
5. **Use `<router-view>`** in `App.vue` to display the current route.

With these steps, you have a basic multi-page Vue.js application where you can navigate between different components acting as pages using Vue Router.