

Creating Routes

NEXT: ROUTE OUTLETS & LINKS ➔

Installation and Setup

Not all your Vue apps will require routing. For that reason, Vue does not come pre-packaged with Vue Router. Rather, when you have a need for the router, you can install differently:

```
npm install --save vue-router
```

The Vue Router is available as a [Vue plugin](#), therefore, you should use the `use` method to make it available to your app. Let's start building our application using the code we generated with the CLI earlier.

```
// ./src/router/index.js
import Vue from 'vue'
import Router from 'vue-router'

Vue.use(Router)
```

Create Your First Route

A quick recap -- we are building a mini online store. Such stores are characterized with at least a home page (product listing), a cart/checkout page and an admin page to manage products.

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The characteristics already give us a high-level view of the pages. Which means we need three routes for now:

- Home
- Admin
- Cart

To create each of these routes, we need to make Vue components/templates for them. Remember, components are Vue's building block. Therefore, even routes' views are components.

Let's start with the `Home` Route:

```
<!-- ./src/components/Home.vue -->
<template>
  <div>
    <div class="title">
      <h1>{{msg}}</h1>
    </div>
  </div>
</template>

<script>
  export default {
    name: 'home',
    data () {
      return {
        msg: 'Welcome to Your Vue.js App'
      }
    }
  }
</script>
```

Now we can use the Vue Router to create routes and turn our new Home component into a route view:

```
// ./src/router/index.js
import Vue from 'vue';
import Router from 'vue-router';
import Home from '@components/Home';

Vue.use(Router);

export default new Router({
  routes: [
    {
      path: '/',
      name: 'Home',
      component: Home
    }
  ]
});
```

The `Router` instance takes an object which serves as configuration for the router. The `routes` property contains an array of routes, and each route is identified by `name`, accessed by a `path` and loads a `component`.

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