

Bring the Frontend and Backend Together with Vue, Vuex, and Laravel

In this comprehensive guide, you will learn how to build a complete web application using Vue, Vuex, and Laravel.



Full-Stack Vue.js 2 and Laravel 5: Bring the frontend and backend together with Vue, Vuex, and Laravel

by Anthony Gore

★★★★☆ 4.3 out of 5

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Enhanced typesetting: Enabled

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This guide is perfect for beginners who want to learn how to build web applications with Vue, Vuex, and Laravel.

What You Will Learn

- How to create a RESTful API with Laravel
- How to manage state with Vuex
- How to build a beautiful user interface with Vue
- How to deploy your application to a live server

Prerequisites

- Basic knowledge of HTML, CSS, and JavaScript
- Node.js and npm installed on your computer
- A text editor or IDE

Getting Started

To get started, you will need to create a new Laravel application. You can do this by running the following command in your terminal:

```
composer create-project laravel/laravel my-app
```

Once the Laravel application has been created, you need to install the Vue and Vuex packages. You can do this by running the following commands in your terminal:

```
npm install vue --save npm install vuex --save
```

Once the Vue and Vuex packages have been installed, you need to add the following code to your `resources/js/app.js` file:

```
javascript import Vue from 'vue' import Vuex from 'vuex' import App from './App.vue'
```

```
Vue.use(Vuex)
```

```
const store = new Vuex.Store({ state: { count: 0 }, mutations: { increment (state){state.count++ }}})
```

```
new Vue({ el: '#app', store, render: h => h(App) })
```

This code will create a new Vuex store and add it to the Vue instance. The store will contain a state object with a `count` property. The `increment` mutation will increment the `count` property by 1.

You can now add the following code to your `resources/views/welcome.blade.php` file:

```
Count: {{ store.state.count }}
```

Increment

This code will create a simple Vue component that displays the `count` property from the store. The `increment` button will increment the `count` property by 1 when clicked.

Next Steps

This is just a brief overview of what you will learn in this guide. To learn more, please read the full guide at

[<https://www.packtpub.com/packt/books/web-development/9781838645422>]

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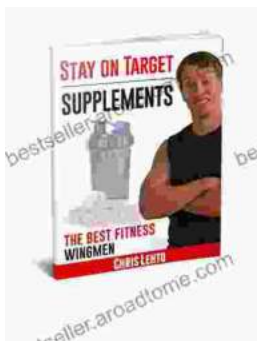
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