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Vuejs-Admin Documentation

Welcome to the Vuejs-Admin documentation.

Installation of Vuejs-Admin

This section contains the necessary steps to follow to install vuejs-admin.

It contains instruction for both laravel-version and plain vuejs version. Both have almost same procedure except laravel version have some additional steps.

Laravel Installation

The zip file contains Vuejs-Admin files integrated with Laravel, however you need to perform following steps to get vendors etc.

Get Composer packages

```
composer install
```

Create .env file

```
cp .env.example .env
```

permissions

```
chmod -R 775 storage

chmod 775 bootstrap/cache
```

If you are on linux/ mac you can run below command to chown it.

```
chown -R www-data /var/www
```

compile assets

Make sure you have [nodejs](#) installed in your system with minimum version `6.10.0` ,

you can check installed version by running `node -v` command in terminal.

If you are having older version, please install latest version from [nodejs.org](#)

For laravel 5.4 , the minimum version of php required is `5.6.4` and

the following php extensions are required

- PHP >= 5.6.4
- OpenSSL PHP Extension
- PDO PHP Extension
- Mbstring PHP Extension
- Tokenizer PHP Extension
- XML PHP Extension

from 5.4 onwards, Laravel team decided to move to webpack from gulp

so assets compilation differs a bit.

They introduced a new npm package for webpack called `mix`

you can read more about it [here](#)

After completing these steps, You can follow the steps in [Vue Installation](#) to complete the installation.

The main difference between laravel version and vuejs version is that the `src` directory is located in the `resources` directory in the laravel version.

Basic installation :

Here are the steps to install **Vuejs-admin**:

Note :

Make sure you have [nodejs](#) installed in your system with minimum version `6.10.0` ,

you can check installed version by running `node -v` command in terminal.

If you are having older version, please install latest version from [nodejs.org](#)

1) Install Dependencies

Run the below command to get all the dependencies from package.json

```
yarn
```

2) File Compilation

Run the following command to compile all the files.

```
npm run dev
```

3) File Compilation with watchers

Run the following command to set watchers for files so that they compile as soon as you save any changes

```
npm run watch
```

4)serve with hot reload at localhost:8080

The following command will create a local server at localhost:8080 with hot-module-replacement enabled, to reflect your changes in the browser without effecting the state of your application.

```
npm run hot
```

5) File compilation for production

Run the following command to compile all files with minification for production.

```
npm run production
```

Note: when using "dev" "watch" or "production" make sure that your application is the root directory of the server.

If your files are being server from a sub folder in the server like `localhost/vue` then consider using the laravel-mix `mix.setResourceRoot('/')`; option.

if you are serving the files like `localhost/vue` then set `mix.setResourceRoot('/vue/')`;

Eventhough you can run `npm install` we suggest you to run `yarn install` since the package contains `yarn.lock` file which lets you get the exact version of packages that we have used.

Basic Structure :

index.html

This is the starting point of the project. It contains the vue app instance.

app.vue

This is the component that gets loaded into the index.html when vue app is started.

`app.vue` also contains preloader component and route-view to load basic pages and the main layout.

layout.vue

This gets loaded into app.vue when main paths are accessed.

This contains the main layout including the header, left-menu and the right-side content including the right-side menu.

main.js

This is the starting of the vue app. The vue app is instantiated at the end of this file. This file also contains the routes of the app to which it should re-direct and is controlled by the vue-router. The vue-router configuration is also done in this page.

Layout.vue

This contains the main layout which includes the header, left-menu and the right-side component. The right-side component contains the right-side bar.

importing components :

The components can be imported using the keyword `import`

eg:

```
import vueadmin_header from "../components/layouts/header/fixed-header.vue"
```

The component which is being imported is to declared in the components object:

eg:

```
components: {vueadmin_header, left_side, right_side}
```

The component exporting is done using export default

eg:

```
export default { ... }
```

Vuex Store:

The store for the vuex is located in the `store/store.js`

The contents of the store are:

1) State:

The state contains the following information:

a)User data:

The store serves as the provider of the user data to the entire app. Changing the user details in state will change the user details in the app.

The provided details are:

```
name: "Ayesha", //user name
picture: "src/assets/img/authors/prf4.png", //link to the user image
job: "Project Manager" // user designation
```

b) Calendar Events:

The events in the calendar are also stored in the state so that they can be accessed in all places.

2)Mutations:

The mutations for the state are located in the file `store/mutation.js`

The mutation are used to change the state of the store.

Accessing the state:

You can access the store in components by using the `this.$store` value.

Eg:

To find if left menu is open:

```
this.$store.state.left_open
```

The same goes for committing mutations.

Eg:

```
this.$store.commit('left_menu', "close");
```

Left Menu Structure:

The Left-side Navigation menu of Vuejs-admin is comprised of a few sub components.

The left menu user profile is a component located at `src/components/layouts/left-side/left-profile/user_profile.vue`

Then the links in the left menu are generated from a loop.

The loop uses three components to generate the menu structure.

1) vueMenu:

The main container for the menu

2) SubMenu:

The container for the sub menu components

3) MenuItem:

The router link component generated

The data for the link come from `menu.js` file. To change the content of the left menu you have to edit the `menu.js` file.

Routes:

The routes for the Template are declared in the file `routes.js` . this file is called in the `main.js` file, in the vue instance declaration.

Axios:

This template uses axios for consuming APIs. Axios is required in the `main.js` file.

Start New Page

Open the blank.vue file in `/src/components` folder.

It has the following structure:

```
<template>
  <div>
  </div>
</template>
<script>
import Vue from "vue";

export default {
  // ===Component name
  name: "blank",
  // ===Props passed to component
  props: {},
  // ===Components used by this component
  components: {},
  // ===Code to be executed when Component is mounted
  mounted() {},
  // ===Computed properties for the component
  computed: {},
  // ===Component data
  data() {
    return {

    }
  },
  // ===Component methods
  methods: {

  }
}
</script>
<!-- styles -->
<!-- adding scoped attribute will apply the css to this component only -->
<style scoped></style>
```

Place your html content inside the div in template.

Note: Each template must only have one root element and one script tag.

Then add your code in the script tag.

Then give the appropriate route in `routes.js` file If you needed add the component to the router.

Note:

To add a route to left side menu you will have to edit the `menu.js` file.

SASS:

Most of the css for Vuejs-Admin is written in scss.

The css for Most of the components can be found in the component itself at the end of the component.

The global scss and the bootstrap variables can be found in the `src/assets/sass` directory.

The scss files for layout manipulation and skin setting are located in the directory `src/components/layout/css`

Changing Skins:

The colors used in Vuejs-Admin are applied by using SASS variables. So, it is very easy to change the skins for the template.

We have provided some skins for you to start.

To set a new skin for the template open `src/components/layouts/css/_customvariables.scss`

Its contents will look like:

```
@import "skins/default"
```

The skin files are located in `src/components/layouts/css/skins`

Choose the skin you want to apply and replace default with that skin.

Creating a New Skin:

As the skin files are just scss files to create a new skin you just need to copy a skin and change the color variables or just edit an existing one and apply it.

Changing Layouts:

Changing the Layout to your desired one involves changing some names and commenting or commenting out some code.

1)Boxed Layout:

To get the boxed layout comment out the following line:

```
<style lang="scss" src="./components/layouts/css/boxed.scss"></style>
```

2) Fixed Menu:

To get the Fixed Menu comment out the following line:

```
<style lang="scss" src="./components/layouts/css/fixed-menu.scss"></style>
```

3) compact-menu:

To get the Compact-Menu change the following line in `layout.vue` :

```
import left_side from "./components/layouts/left-side/compact-menu/left-side.vue";
```

and set the left menu width in `fixed-menu.scss` to `100px`

4) centered-logo:

To get the centered-logo comment out the following line:

```
<style lang="scss" src="./components/layouts/css/centered-logo.scss"></style>
```

5) Fixed Header:

To get the fixed header import the `vueadmin_header` from `fixed-header.vue` like this:

```
import vueadmin_header from "./components/layouts/header/fixed-header.vue"
```

Note: *There are three header vue files available:*

- header.vue
- fixed-header.vue
- no-header.vue

Frequently Asked Questions ? (FAQ's)

1) Toggle Left Menu?

A: The Hamburger in the nav will collapse the left menu if required..

Features :

- 1.Changed font-family Nunito to Open-Sans.
- 2.Changed two dashboard colors and skin color.
- 3.Changed style for sub menu(left panel).
- 4.Changed font awesome icons to themify icons.
- 5.Added some new charts in Chartist-chart.
- 6.Changed colors for all charts.
- 7.Added API to the menu-item(left panel).

E-Commerece :

1.added E-commerce section.

- Added Dashboard.
- Add new product page added.
- View product page added.

2.Overall color scheme changed

3.Revamped left menu.

4.Two Dashboard colors and skins color changed.

5.Sub menu style changed.

Horizontal menu

1. Added horizontal menu
2. Horizontal navbar style has been changed in tablet and mobile pixels.

Features :

1. Added time picker in calendar .
2. Changed UI in dashboard 2.

Features :

Updated vue, vue-router, vuex, vue-multiselect

1. Fix error caused by the vue deprication of slot scope prop
2. Improved the E-Commerce section with new components

Features :

- 1.Changed icons Themify to Font-awesome icons.
- 2.Added one Cart details page in E-commerce section.

1. **New starter kit released**

Features :

1. Added new components in E-Commerce section
2. Changed bootstrap version alpha6 to beta.2 and bootstrap-vue alpha6 1.0.2 to 1.2.0.

Features :

1. Added simple line icons , changed icons in left-menu and navbar also.
2. Added **compact-menu** layout.

Build system Improvements

1. Now all compiled files are placed in a single directory for easier deployments.
2. Added webpack aliases for easier file and asset referencing.
3. Moved all pages to a separate directory.
4. Moved the router code to a separate file.
5. Added `mix.extract()` to handle vendor code duplication and long term caching.
6. Added Autoprefixer.

Template Improvements

1. Added a New Preloader.
2. Added Vue-Analytics for Google Analytics Support.
3. Added chat page.
4. Added Frappe charts page.
5. Bug Fixes.

Vuejs-AdminStarter kit:

From Full package if you would like to use any plugin, then you can make use of Starter Kit

Let's assume you want to copy a feature from full package "google maps" into starter kit, which depends on "vue2-google-maps" plugin,

so please follow below steps.

adding to package.json

copy below line (version may vary) from full package's package.json into ours.

```
"vue2-google-maps:0.7.9"
```

Run the below command to get the dependencies from package.json

```
yarn or npm install
```

Component

Then we need to copy google maps vue file from full package which is located at src/components/gmaps.vue

copy that file into same folder path in ours.

Route.js:

The routes for the Template are declared in the file `routes.js` . this file is called in the `main.js` file, in the vue instance declaration.

```
{
  path: '/gmaps',component: resolve => require(['./components/gmaps.vue'], resolve)

                                or

  component: resolve => require(['./components/gmaps.vue'], resolve)
}
```

Note :

Path should be according to your file placement like above

Folder_name is your folder name

```
meta: {
  title: "Google Maps",
}
```

Note: We already have an example in src /route.js file and there is a one index file in components

Menu.js:

Here you need to set file name and path

```
eg:
{
  name: 'Google maps', >    appearing name in left menu

  link: '/gmaps', >        file name

  icon: 'fa fa-map-marker', > If you want to add icon then you can add here.
},
```


Vuejs-admin starter kit

Welcome to the Vuejs-Admin documentation.

Vuejs-AdminStarter kit:

From Full package if you would like to use any plugin, then you can make use of Starter Kit

Let us assume to use a particular plugin like google maps, then you should add plugin name and version in package.json file. For instance,

Copy this code from full package `"vue2-google-maps:0.7.9"` paste it in package.json file of starter kit .

Run the below command to get the dependencies from package.json

```
yarn or npm install
```

Import as VueGoogleMaps from full package into Starter kit

Then you need to follow below steps.

Route.js:

The routes for the Template are declared in the file `routes.js` . this file is called in the `main.js` file, in the vue instance declaration.

```
{
  path: '/vuegooglemaps', component: resolve => require(['./components/vuegooglemaps.vue'], resolve)
}

or

component: resolve => require(['./components/...../vuegooglemaps.vue'], resolve)
}
```

Note :

Path should be according to your file placement like above

Folder_name is your folder name

```
meta: {
  title: "Gmpas",
}
```

Note: We already have an example in `src /route.js` file and there is a one index file in components

Menu.js:

Here you need to set file name and path

```
eg:
{
  name: 'Google maps', >      appearing name in left menu

  link: '/vuegooglemaps', >    file name

  icon: 'fa fa-maps', >  If you want to add icon then you can add here.
},
```

Now, you can see google maps plugin. In the same way you can make any changes as required.