**How To Install Vue 3 in Laravel 10 with Vite**

Learn from tutorial : <https://www.youtube.com/watch?v=Su8dWVrHdkc>

# step 1: Install laravel package with composer

composer create-project laravel/laravel example-app

#step 2: command:

* Composer install
* Npm install && npm run dev
* cp .env.example .env
* Php artisan key:generate
* Php artisan storage:link

#step 3: install vue 3

* npm install vue@next
* npm i @vitejs/plugin-vue

#step 4: vite.config.js file changes

import { defineConfig } from "vite";

import laravel from "laravel-vite-plugin";

import vue from "@vitejs/plugin-vue";

export default defineConfig({

    plugins: [

        laravel({

            input: ["resources/css/app.css", "resources/js/app.js"],

            refresh: true,

        }),

        vue(),

    ],

    resolve: {

        alias: {

            vue: "vue/dist/vue.esm-bundler.js",

        },

    },

});

#step 4: resources/js/app.js

import "./bootstrap";

import { createApp } from "vue";

const app = createApp({});

import ExampleComponent from "./components/ExampleComponent.vue";

app.component("example-component", ExampleComponent);

// Object.entries(import.meta.glob('./\*\*/\*.vue', { eager: true })).forEach(([path, definition]) => {

//     app.component(path.split('/').pop().replace(/\.\w+$/, ''), definition.default);

// });

app.mount("#app");

#step 4: resource/js/componets/ExampleComponent.vue

#step 5: view file change app.blade.php

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>Document</title>

    @vite(['resources/js/app.js',"resources/css/app.css"])

</head>

<body>

    <div id="app">

        <example-component />

    </div>

</body>

</html>