Vue.Js Setup Part 5 :

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**links :**[**https://www.youtube.com/watch?v=qZPww-JWcik&list=PL8p2I9GklV45qwTH-mdzllUuFRJO-euYn&index=37**](https://www.youtube.com/watch?v=qZPww-JWcik&list=PL8p2I9GklV45qwTH-mdzllUuFRJO-euYn&index=37)

**Dynamic Component >>>**

Create dynamic components >>>

**Java.vue >>>>**

<template>

<h3>Java Content</h3>

</template>

<script>

export default {

name:"JavaComponent",

}

</script>

**Php.vue >>>**

<template>

<h3>PHP Content</h3>

</template>

<script>

export default {

name:"PhpComponent",

}

</script>

**Node.vue >>>>>**

<template>

<h3>Node Content</h3>

</template>

<script>

export default {

name:"NodeComponent",

}

</script>

**App.vue >>>>**

<template>

<div id="app">

<h2>Dynamic Component</h2>

<!-- Corrected component usage -->

**<button @click="tag='Php'">Load PHP</button>**

**<button @click="tag='Java'">Load Java</button>**

**<button @click="tag='Node'">Load Node</button>**

**<component :is="tag"></component>**

<!-- <Php />

<Java />

<Node /> -->

</div>

</template>

<script>

// Correct import for renamed component

**import Php from './components/Php.vue';**

**import Java from './components/Java.vue';**

**import Node from './components/Node.vue';**

export default {

name: 'App',

**components: {**

**Php,Java,Node // Registered as dynamic component**

**},**

**data(){**

**return {tag:"Java"}**

**}**

};

</script>

<style>

#app {

font-family: Avenir, Helvetica, Arial, sans-serif;

-webkit-font-smoothing: antialiased;

-moz-osx-font-smoothing: grayscale;

text-align: center;

color: #2c3e50;

margin-top: 60px;

}

</style>

write all logic how to load button click component is loaded to easy way.

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**Teleport component with example >>>>>**

App.vue >>>>

**<template>**

**<h1>Teleport</h1>**

**<p>With &lt;teleport to="body"&gt; we move the red &lt;div&gt; from inside the component to the body tag.</p>**

**<comp-one></comp-one>**

**</template>**

<script></script>

<style>

#app {

width: 350px;

margin: 10px;

}

#app > div {

border: solid black 2px;

padding: 10px;

margin-top: 10px;

background-color: rgb(186, 228, 255);

}

h2 {

text-decoration: underline;

}

</style>

**CompOne.vue >>>>>**

<template>

<div>

<h2>Component</h2>

<p>This is the inside of the component.</p>

<Teleport to="body">

<div id="redDiv">Hello!</div>

</Teleport>

</div>

</template>

<script></script>

<style scoped>

#redDiv {

background-color: lightcoral;

margin: 10px;

padding: 10px;

display: inline-block;

}

</style>

**Main.js >>>>>**

// Import Vue and App component

import { createApp } from 'vue';

import App from './App.vue';

// Import Bootstrap and BootstrapVue 3 CSS files

import 'bootstrap/dist/css/bootstrap.css';

import 'bootstrap-vue-3/dist/bootstrap-vue-3.css';

// Import BootstrapVue 3

import BootstrapVue3 from 'bootstrap-vue-3';

**// Import component CompOne for Teleport component**

**import CompOne from './components/CompOne.vue'**

// Import Vue Router and necessary methods from vue-router

import { createRouter, createWebHistory } from 'vue-router';

// Import the components for routing

import Home from './components/Home.vue';

import About from './components/About.vue';

import Login from './components/Login.vue';

import User from './components/User.vue';

import PageNotFound from './components/PageNotFound.vue';

// Define the routes

const routes = [

{ path: '/', component: Home },

{ path: '/about', component: About },

{ path: '/login', component: Login },

{ path: '/user/:id', component: User },

// { path: '\*', component: PageNotFound }, // not used its use in vue 2 not this \* is not exits

{ path: '/:pathMatch(.\*)\*', component: PageNotFound }, // Catch-all for 404 Page Not Found

];

// Create the router instance

const router = createRouter({

history: createWebHistory(),

routes,

});

// Create the Vue app instance

const app = createApp(App);

// Use BootstrapVue 3 globally

app.use(BootstrapVue3);

// Use Vue Router globally

app.use(router);

// Custom directive 'v-color'

app.directive('color', {

// This will be called when the directive is mounted on the element

mounted(el, binding) {

el.style.color = binding.value; // Set the element's color to the directive's value

}

});

// Custom directive 'focus'

app.directive('focus', {

mounted(el, binding) {

// Focus the element

if (binding.modifiers.log) {

console.log("Element is being focused!");

}

el.focus();

}

});

// Define the global "filter-like" function (for example: capitalize)

app.config.globalProperties.$filters = {

capitalize(val) {

if (!val) return '';

return val.toString().toUpperCase();

},

};

**// for Teleport component**

**app.component('comp-one', CompOne)**

// Mount the app to the #app element

app.mount('#app');

its teleport component how to right code ..

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