

Vue Starter

Let's get our hands dirty!

Introduction

This part will build some basic Vue functionality into a plain HTML file.

We will not worry in this phase about bootstrapping or the CLI, just enhance a "website."

// If you feel a slight JQuery flashback...that's normal

Target

This is the outcome we are looking for:

It will not require any installation
just the pure power of Vue.



Hello David Pinezich

Email: unknown@gmail.com

Get Random User

Get started

Please look for "**vue-starter**" and open it in your favorite IDE. There is a folder "exercise" where your work will be done.

If you lose track, all steps are provided under solutions.



Step 1

Objective: We create an empty App with a firstname

App.js

```
1  const app = Vue.createApp({
2    template: '<h1>Hello {{ firstName }}</h1>',
3    data() {
4      return {
5        firstName: 'David'
6      }
7    }
8  })
9
10 app.mount('#app')
```

Step 2

Objective: We add some basic (placeholder) data

App.js

```
1  const app = Vue.createApp({
2    template: '',
3    data() {
4      return {
5        firstName: 'David',
6        lastName: 'Pinezich',
7        email: 'unknown@gmail.com',
8        gender: 'male',
9        picture: 'https://randomuser.me/api/portraits/men/10.jpg',
10     }
11   }
12 })
13
14 app.mount('#app')
```

Step 2

Objective: We add some basic (placeholder) data

App.js

```
1  const app = Vue.createApp({
2    template: '',
3    data() {
4      return {
5        firstName: 'David',
6        lastName: 'Pinezich',
7        email: 'unknown@gmail.com',
8        gender: 'male',
9        picture: 'https://randomuser.me/api/portraits/men/10.jpg',
10     }
11   }
12 })
13
14 app.mount('#app')
```

Step 2

Objective: We add some basic (placeholder) data

App.js

```
1  const app = Vue.createApp({
2    template: '',
3    data() {
4      return {
5        firstName: 'David',
6        lastName: 'Pinezich',
7        email: 'unknown@gmail.com',
8        gender: 'male',
9        picture: 'https://randomuser.me/api/portraits/men/10.jpg',
10     }
11   }
12 })
13
14 app.mount('#app')
```


Step 2

Objective: We add some basic (placeholder) data

index.html

```
1 <body>
2   <div id="app">
3     
4     <h1>Hello {{firstName}} {{lastName}}</h1>
5     <h3>Email: {{email}}</h3>
6     <button>Get Random User</button>
7   </div>
8   <script src="https://unpkg.com/vue@3.2.2"></script>
9   <script src="app.js"></script>
10 </body>
```

Step 3

Objective: Shorten the directives & add a class

index.html

```
1 <body>
2   <div id="app">
3      <!-- remove v-bind !-->
4     <h1>Hello {{firstName}} {{lastName}}</h1>
5     <h3>Email: {{email}}</h3>
6     <button>Get Random User</button>
7   </div>
8   <script src="https://unpkg.com/vue@3.2.2"></script>
9   <script src="app.js"></script>
10 </body>
```

Step 4

Objective: Add a first method (as a log message)

app.js

```
1  const app = Vue.createApp({
2    template: '',
3    data() {
4      return {
5        firstName: 'David',
6        lastName: 'Pinezich',
7        email: 'unknown@gmail.com',
8        gender: 'male',
9        picture: 'https://randomuser.me/api/portraits/men/10.jpg',
10     }
11   },
12   methods: {
13     getUser() {
14       console.log(this.firstName)
15     }
16   }
17 })
18 app.mount('#app')
```

Step 4

Objective: Add a first method (as a log message)

index.html

```
1 <body>
2   <div id="app">
3      <!-- remove v-bind !-->
4     <h1>Hello {{firstName}} {{lastName}}</h1>
5     <h3>Email: {{email}}</h3>
6     <button v-on:click="getUser()">Get Random User</button>
7   </div>
8   <script src="https://unpkg.com/vue@3.2.2"></script>
9   <script src="app.js"></script>
10 </body>
```

Step 5

Objective: Get a real second profile

app.js

```
1  methods: {  
2    getUser() {  
3      this.firstName = 'Petra'  
4      this.lastName = 'Peterson'  
5      this.email = 'unknown@gmail.com'  
6      this.gender = 'female'  
7      this.picture = 'https://randomuser.me/api/portraits/women/10.jpg'  
8    },  
9  },
```

Note: Please keep data() as it is!

Step 6

Objective: Get a real random user!

app.js

```
1  methods: {  
2    async getUser() {  
3      const res = await fetch('https://randomuser.me/api')  
4      const { results } = await res.json()  
5  
6      this.firstName = results[0].name.first  
7      this.lastName = results[0].name.last  
8      this.email = results[0].email  
9      this.gender = results[0].gender  
10     this.picture = results[0].picture.large  
11   },  
12 }
```

Note: Please keep data() as it is!

Questions?

Anything unclear?



Hello David Pinezich

Email: unknown@gmail.com

Get Random User

End

That was all for this chapter
