

Vue.js Conditional Rendering

Topics : [Vue](#)

Written on [January 11, 2024](#)

Vue.js provides several ways to perform conditional rendering, allowing you to display or hide elements based on certain conditions. Here are some common techniques for conditional rendering in Vue.js:

1. **v-if Directive:** The `v-if` directive is used to conditionally render an element. The element will only be rendered if the expression inside the `v-if` evaluates to true.

```
<template>
<div>
<p v-if="isConditionTrue">This will be rendered if the condition is true.</p>
</div>
</template>

<script>
export default {
  data() {
    return {
      isConditionTrue: true
    };
  }
};
</script>
```

2. **v-else Directive:** You can use the `v-else` directive in conjunction with `v-if` to specify an alternative content to render when the condition is false.

```
<template>
<div>
<p v-if="isConditionTrue">This will be rendered if the condition is true.</p>
<p v-else>This will be rendered if the condition is false.</p>
</div>
</template>

<script>
export default {
  data() {
    return {
      isConditionTrue: false
    };
  }
};
</script>
```

```
};  
}  
};  
</script>
```

3. **v-else-if Directive:** You can also use v-else-if for multiple conditional branches.

```
<template>  
<div>  
<p v-if="condition === 'A'">Condition A</p>  
<p v-else-if="condition === 'B'">Condition B</p>  
<p v-else>Default Condition</p>  
</div>  
</template>
```

```
<script>  
export default {  
  data() {  
    return {  
      condition: 'B'  
    };  
  }  
};  
</script>
```

4. **Using v-show Directive:** The v-show directive is another way to conditionally render elements. The difference is that v-show toggles the visibility of the element with CSS, while v-if actually adds or removes the element from the DOM.

```
<template>  
<div>  
<p v-show="isConditionTrue">This will be shown if the condition is true.</p>  
</div>  
</template>
```

```
<script>  
export default {  
  data() {  
    return {  
      isConditionTrue: true  
    };  
  }  
};  
</script>
```