

# Vue.js Installation

Topics : [Vue](#)

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Vue.js can be installed and used in different ways. Below are the two common methods for installing Vue.js:

## 1. CDN (Content Delivery Network):

If you want to quickly include Vue.js in your project without any build setup, you can use the CDN version. Include the following script tag in the HTML file:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Vue.js CDN Example</title>
</head>
<body>

<div id="app">
  {{ message }}
</div>

<!-- Include Vue.js from CDN -->
<script src="https://cdn.jsdelivr.net/npm/vue@2"></script>

<script>
new Vue({
  el: '#app',
  data: {
    message: 'Hello, Vue!'
  }
});
</script>

</body>
</html>
```

## 2. NPM (Node Package Manager):

For larger projects or when you want to take advantage of a more sophisticated development environment, you can use npm. This method assumes you have Node.js installed.

## Install Vue.js:

Open your terminal or command prompt and navigate to your project directory. Then, run the following command to install Vue.js:

```
bashCopy code
```

```
npm install vue
```

## Create a Vue Instance:

Once installed, you can create a Vue instance in your JavaScript file:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Vue.js NPM Example</title>
</head>
<body>

<div id="app">
{{ message }}
</div>

<!-- Include your JavaScript file after Vue is installed -->
<script src="path/to/your/app.js"></script>

</body>
</html>
```

In your `app.js`:

```
// Import Vue
import Vue from 'vue';

// Create a Vue instance
new Vue({
  el: '#app',
  data: {
    message: 'Hello, Vue!'
  }
});
```

Remember to replace `'path/to/your/app.js'` with the actual path to your JavaScript file.