

What is Vue?



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## Feature

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매우 작고 가벼우며, 복잡도도 낮습니다.

가상 DOM 을 사용합니다.

컴포넌트를 제공합니다.

뷰에만 집중을 하고 있고, 라우터, 상태관리를 위해선 써드파티 라이브러리를 사용합니다.



## Install

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- **Node.js & NPM** - <https://nodejs.org/en/>
  - **yarn** - <https://classic.yarnpkg.com/en/docs/install#windows-stable>
  - **Vue CLI** - `$ npm install -g @vue/cli`
  - **Vue Router** - `$ npm install vue-router --save`
  - **Visual Studio Code** - <https://code.visualstudio.com/download>
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## Install

```
# version check  
$ node -v  
> v12.18.3  
  
$ npm -v  
> 6.14.6  
  
$ yarn -v  
> 1.22.5  
  
$ tsc -v  
> Version 2.8.3  
  
$ vue -V  
> @vue/cli 4.5.13
```



## Command

*프로젝트 생성*

```
$ vue create {project}
```

*Working Directory 이동*

```
$ cd {project}
```

*VSCode 오픈*

```
$ code .
```

*Development Server 구동*

```
$ npm run serve (or yarn serve)
```

*빌드*

```
$ yarn build
```



## CDN

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- 프로토 환경

<https://unpkg.com/vue/dist/vue.js>

- 프로덕션 환경

<https://cdn.jsdelivr.net/npm/vue@2.6.0>

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## Sample Code

```
<html>

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, user-scalable=no, initial-scale=1.0, maximum-scale=1.0, minimum-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <!-- <script src="https://cdn.jsdelivr.net/npm/vue"></script> -->
  <title>좋아요</title>
</head>

<body>
  <div id="root">
    <!-- <div>좋아요 눌렀음</div> -->
    <button>Like</button>
  </div>
  <script>
    const app = new Vue({
      el: '#root',
      data: {
        liked: false,
      },
      methods: {
        onClickButton() {
          this.liked = true;
        }
      },
    });
  </script>
</body>

</html>
```