



VuePress

Welcome to your VuePress site

[Get Started →](#)

Simplicity First

Minimal setup with markdown-centered project structure helps you focus on writing.

Vue-Powered

Enjoy the dev experience of Vue + webpack, use Vue components in markdown, and develop custom themes with Vue.

Performant

VuePress generates pre-rendered static HTML for each page, and runs as an SPA once a page is loaded.



```
# install
yarn global add vuepress@next
# OR npm install -g vuepress@next

# create a markdown file
echo '# Hello VuePress' > README.md

# start writing
vuepress dev

# build to static files
vuepress build
```

COMPATIBILITY NOTE

VuePress requires Node.js ≥ 8 .

Using Vue in Markdown

Browser API Access Restrictions

Because VuePress applications are server-rendered in Node.js when generating static builds, any Vue usage must conform to the **universal code requirements** [↗](#). In short, make sure to only access Browser / DOM APIs in `beforeMount` or `mounted` hooks.

If you are using or demoing components that are not SSR friendly (for example containing custom directives), you can wrap them inside the built-in `<ClientOnly>` component:

```
<ClientOnly>
  <NonSSRFriendlyComponent/>
</ClientOnly>
```

md

Note this does not fix components or libraries that access Browser APIs **on import** - in order to use code that assumes a browser environment on import, you need to dynamically import them in proper lifecycle hooks:

```
<script>
export default {
  mounted () {
    import('./lib-that-access-window-on-import').then(module => {
      // use code
    })
  }
}
</script>
```

vue

Templating

Interpolation

Each markdown file is first compiled into HTML and then passed on as a Vue component to `vue-loader`. This means you can use Vue-style interpolation in text:

Input



Output

2

Directives

Directives also work:

Input

```
<span v-for="i in 3">{{ i }} </span>
```

md

Output

1 2 3

Access to Site & Page Data

The compiled component does not have any private data but does have access to the **site metadata**. For example:

Input

```
{{ $page }}
```

md

Output

```
{
  "path": "/using-vue.html",
  "title": "Using Vue in Markdown",
  "frontmatter": {}
}
```

json

Escaping



paragraph with the `v-pre` custom container:

Input

```
+++ v-pre
`{{ This will be displayed as-is }}`
+++
```

md

Output

```
{{ This will be displayed as-is }}
```

Using Components

Any `*.vue` files found in `.vuepress/components` are automatically registered as **global**^{[↗](#)}, **async**^{[↗](#)} components. For example:

```
.
└─ .vuepress
   └─ components
      ├── demo-1.vue
      ├── OtherComponent.vue
      └─ Foo
         └─ Bar.vue
```

Inside any markdown file you can then directly use the components (names are inferred from filenames):

```
<demo-1/>
<OtherComponent/>
<Foo-Bar/>
```

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IMPORTANT

Make sure a custom component's name either contains a hyphen or is in PascalCase. Otherwise it will be treated as an inline element and wrapped inside a `<p>` tag, which will lead to hydration mismatch because `<p>` does not allow block elements to be placed inside it.

Using Components In Headers

You can use Vue components in the headers, but note the difference between the following two ways:

markdown	Output HTML	Parsed Header
<code># text <Tag/></code>	<code><h1>text <Tag/></h1></code>	<code>text</code>
<code># text `<Tag/>`</code>	<code><h1>text <code>&lt;Tag/&gt;</code></h1></code>	<code>text <Tag/></code>

The HTML wrapped by `<code>` will be displayed as is, only the HTML that is not wrapped will be parsed by Vue.

TIP

The output HTML is accomplished by [markdown-it](#), while the parsed headers are done by VuePress, and used for the [sidebar](#) and the document title.

Using Pre-processors

VuePress has built-in webpack config for the following pre-processors: `sass` , `scss` , `less` , `stylus` and `pug` . All you need to do is installing the corresponding dependencies. For example, to enable `sass` , install the following in your project:

```
yarn add -D sass-loader node-sass
```

Now you can use the following in markdown and theme components:

```
<style lang="sass">
.title
  font-size: 20px
</style>
```

```
yarn add -D pug pug-plain-loader
```

TIP

If you are a Stylus user, you don't need to install `stylus` and `stylus-loader` in your project because VuePress uses Stylus internally.

For pre-processors that do not have built-in webpack config support, you will need to **extend the internal webpack config** in addition to installing the necessary dependencies.


Script & Style Hoisting

Sometimes you may need to apply some JavaScript or CSS only to the current page. In those cases you can directly write root-level `<script>` or `<style>` blocks in the markdown file, and they will be hoisted out of the compiled HTML and used as the `<script>` and `<style>` blocks for the resulting Vue single-file component.

This is rendered by inline script and styled by inline CSS

Built-In Components

OutboundLink stable

It() is used to indicate that this is an external link. In VuePress this component have been followed by every external link.

ClientOnly stable

See **Browser API Access Restrictions**.

Content beta

- Props:

- `custom` - boolean

- Usage:



<Content/>

vue

Also see:

- [Custom Themes > Content Outlet](#)

Badge beta 0.10.1+

- **Props:**

- `text` - string
- `type` - string, optional value: `"tip"|"warn"|"error"` , defaults to `"tip"` .
- `vertical` - string, optional value: `"top"|"middle"` , defaults to `"top"` .

- **Usage:**

You can use this component in header to add some status for some API:

```
### Badge <Badge text="beta" type="warn"/> <Badge text="0.10.1+"/>
```

md

Also see:

- [Using Components In Headers](#)