

Building Plugins in Vue



- Plugins are self-contained code that usually add app-level functionality to Vue
- They are defined as either an object that exposes an `install()` method, or simply a function that acts as the install function itself.
- The install function receives the **app instance** along with additional options passed to `app.use()`.



Pothuraju Sri Ram
@pothuraju-dev



Pothuraju Sri Ram
@pothuraju-dev



Pothuraju Sri Ram
@pothuraju-dev

How we install a plugin:

```
○○○  
  
import { createApp } from  
  'vue'  
const app = createApp({})  
  
app.use(myPlugin, {  
  /* optional options */  
})
```

How we define a plugin:

```
○○○  
  
const myPlugin = {  
  install(app, options) {  
    // configure the app  
  }  
}
```



Pothuraju Sri Ram
@pothuraju-dev

Useful Scenarios:

- Register one or more global components or custom directives with `app.component()` and `app.directive()`
- Inject resource through the app by calling `app.provide()`
- Global instance properties or methods using `app.config.globalProperties`



Pothuraju Sri Ram
@pothuraju-dev

5 Useful Resources:

- [Vue Plugins Guide](#)
- [What is a Vue JS Plugin](#)
- [Creating Vue 3 Plugins](#)
- [Building Plugins in Vue](#)
- [VueFramework Plugins Guide](#)



Pothuraju Sri Ram
@pothuraju-dev

Learned something?

[Follow on LinkedIn](#)



Pothuraju Sri Ram
@pothuraju-dev