

# Vue State Management: Pinia

## Installation

```
npm install pinia
```

## main.js

```
import { createApp } from 'vue';
import { createPinia } from 'pinia';
import App from './App.vue';

const app = createApp(App);
app.use(createPinia());
app.mount('#app');
```

## stores/counter.js

```
import { ref } from 'vue';
import { defineStore } from 'pinia';

export const useCounterStore = defineStore('counter', () => {
  const count = ref(0);

  function increment() {
    count.value++;
  }

  return { count, increment };
});
```

## components/Component.js

```
<script setup>
  import { useCounterStore } from './stores/counter.js';
  const counter = useCounterStore();
</script>

<template>
  <button @click="counter.increment">{{ counter.count }}</button>
</template>
```