



# Component System



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```
<nav class="flex items-center justify-between flex-wrap bg-teal-500 p-6">
  <div class="flex items-center flex-shrink-0 text-white mr-6">
    <span class="font-semibold text-xl tracking-tight">Tailwind CSS</span>
  </div>
  <div class="block lg:hidden">
    <button class="flex items-center px-3 py-2 border rounded text-teal-200 border-teal-400 hover:text-white hover:border-white">
      <svg class="fill-current h-3 w-3" viewBox="0 0 20 20" xmlns="http://www.w3.org/2000/svg">
        <title>Menu</title>
        <path d="M0 3h20v2H0V3zm0 6h20v2H0V9zm0 6h20v2H0v-2z"/>
      </svg>
    </button>
  </div>
  <div class="w-full block flex-grow lg:flex lg:items-center lg:w-auto">
    <div class="text-sm lg:flex-grow">
      <a href="#responsive-header" class="block mt-4 lg:inline-block lg:mt-0 text-teal-200 hover:text-white mr-4">
        Docs
      </a>
      <a href="#responsive-header" class="block mt-4 lg:inline-block lg:mt-0 text-teal-200 hover:text-white mr-4">
        Examples
      </a>
      <a href="#responsive-header" class="block mt-4 lg:inline-block lg:mt-0 text-teal-200 hover:text-white">
        Blog
      </a>
    </div>
    <div>
      <a href="#" class="inline-block text-sm px-4 py-2 leading-none border rounded text-white border-white hover:border-transparent hover:text-teal-500 hover:bg-white mt-4 lg:mt-0">
        Download
      </a>
    </div>
  </div>
</nav>
```



<top-bar/>

# Vue.component()

```
Vue.component('hi', {  
  template: '<h1>Hola!</h1>'  
});
```

```
new Vue({  
  el: '#app'  
});
```

<hi>

```
<div id="app">  
  <hi></hi>  
</div>
```

# props

```
Vue.component('hi', {  
  props: ['name'],  
  template: `<h1>Hola {{ name }}!</h1>`  
});
```

```
new Vue({  
  el: "#app",  
  
  data() {  
    return {  
      name: 'Nacho'  
    }  
  }  
});
```

```
<h1 v-bind:name="name">
```

```
<div id="app">  
  <h1 v-bind:name="name"></h1>  
</div>
```

# this.\$emit()

```
Vue.component('custom-button', {
  template: `<button v-on:click="onClick">Click!</button>`

  methods: {
    onClick () {
      this.$emit('custom-click')
    }
  }
});

new Vue({
  el: "#app",

  methods: {
    doSomething () {
      alert('Something...')
    }
  }
});
```



# <custom-button>

```
<div id="app">  
  <custom-button @custom-click="doSomething"></custom-button>  
</div>
```

# this.\$emit(evento, data)

```
methods: {  
  onClick () {  
    const data = { foo: 'bar' }  
    this.$emit('custom-click', data) // Enviar información!  
  }  
}
```

# Ciclos de Vida

```
new Vue({  
  el: "#app",  
  
  created() {  
    console.log('Created...')  
  },  
  
  mounted() {  
    console.log('Mounted...')  
  }  
});
```