The Progressive JavaScript Framework

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Frontend Developer

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What is Vue?

A progressive framework for building user interfaces

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Characteristics

Approachable

Versatile

Performant

1. Declarative & Reactive Rendering

2. Component Oriented Architecture

HTML

```
<div id="demo">
  <h1>{{msg}}</h1>
</div>
```

JavaScript

```
var vm = new Vue({
  el: '#demo',
  data: {
    msg: 'Hello Vue.js!'
  }
})
```

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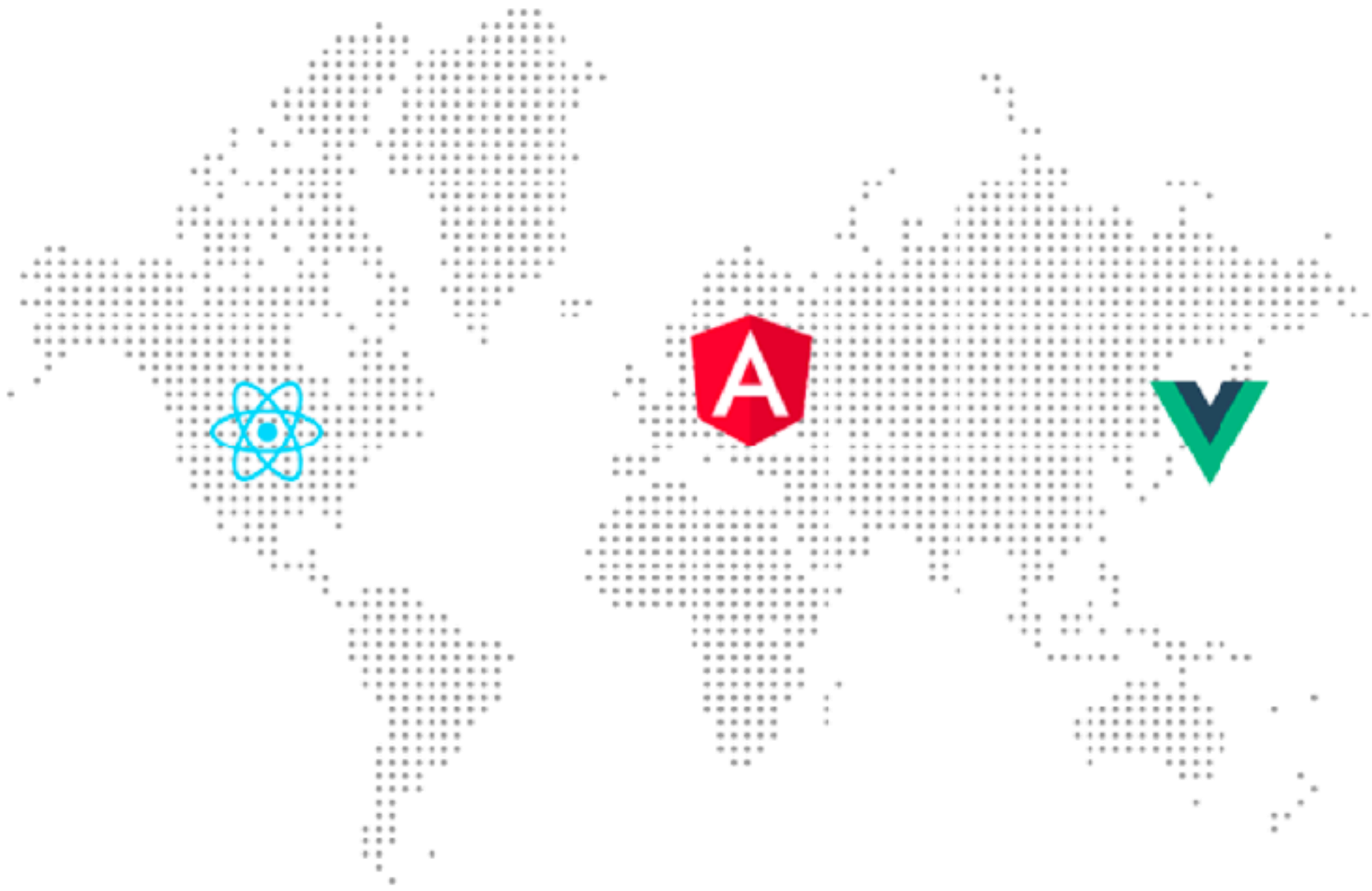

https://github.com/vues-team/who-use-vuejs-in-mexico

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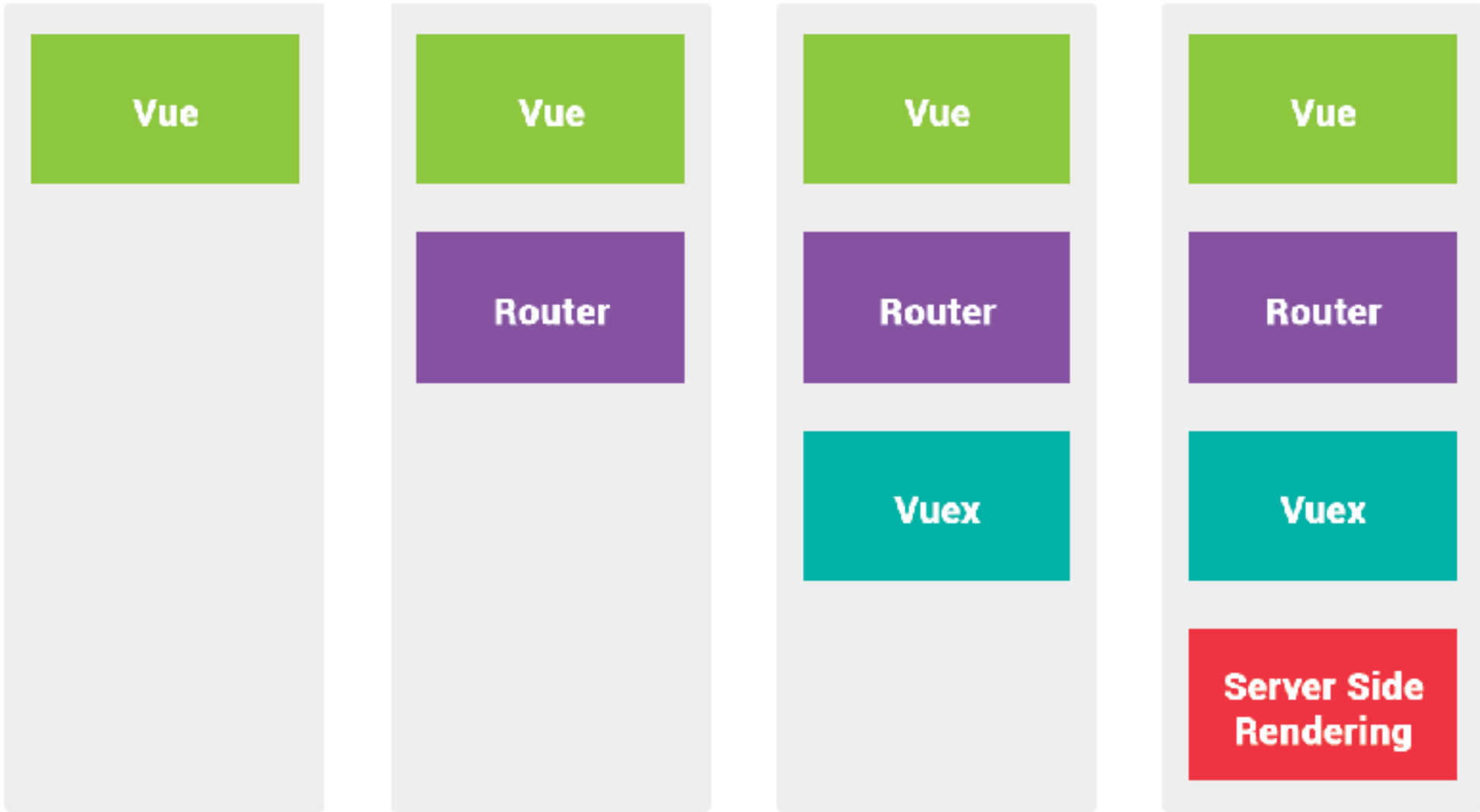
Can include functionality progressively



Components

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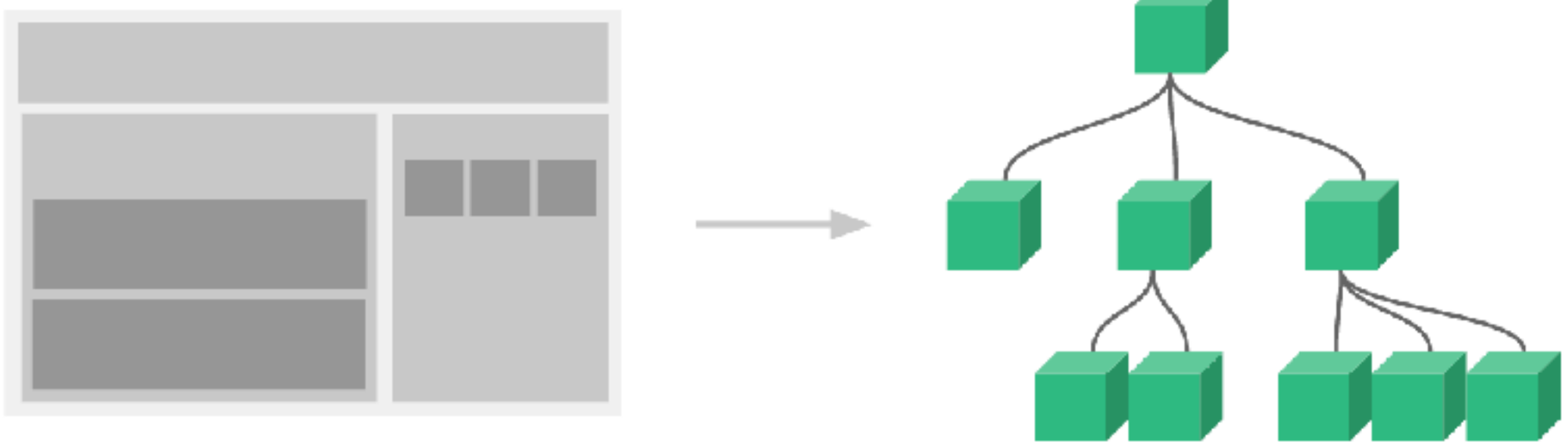
Web as a component tree



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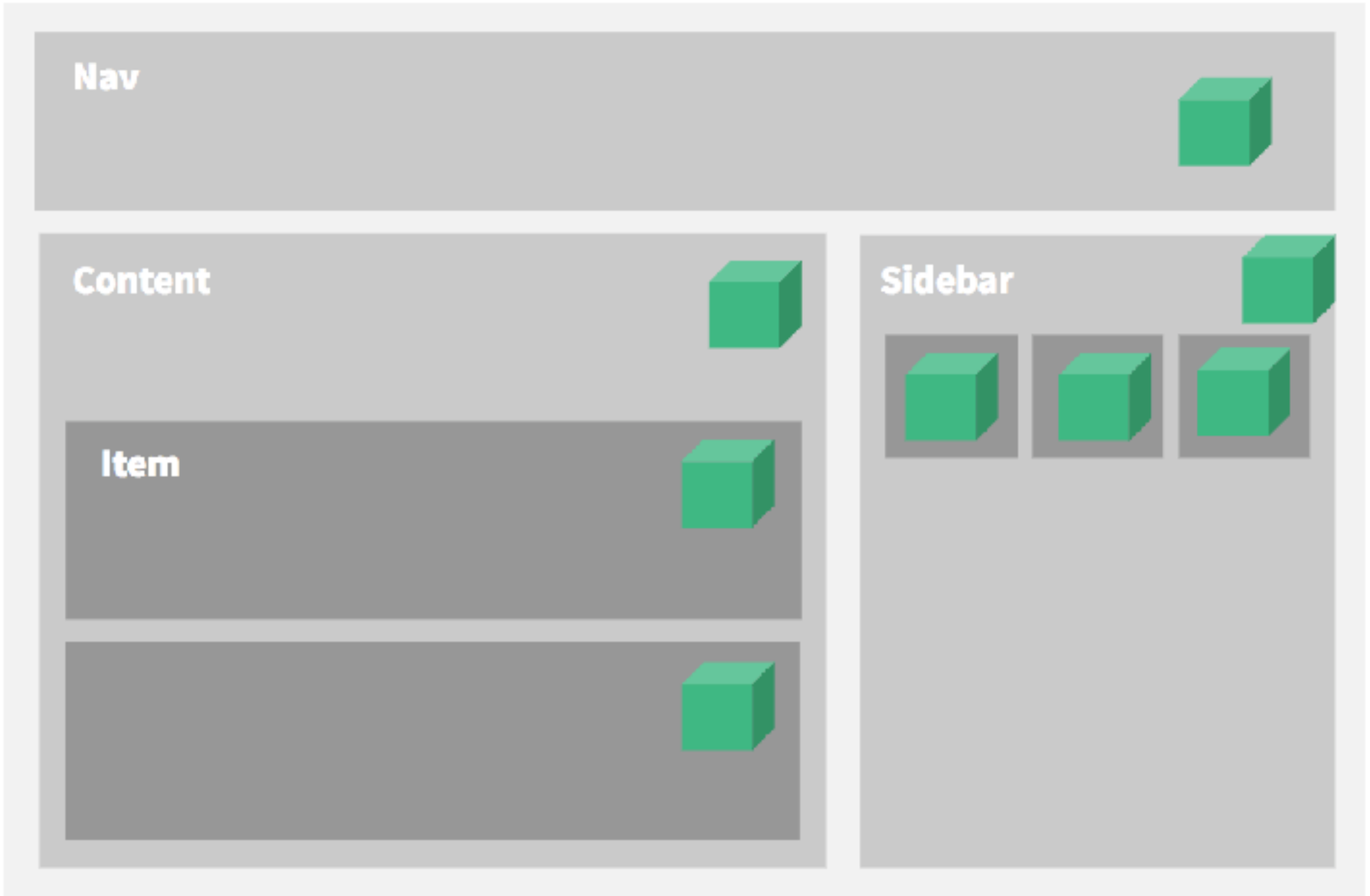
Nav
Content
Item
Sidebar

Registering a global component

```
Vue.component('my-component', {
  props: ['msg'],
  template: '<p>{{msg}}</p>'
})
```

Registering a single component

```
<template>
  <h1>{{msg}}</h1>
</template>

<script>
export default {
  name: 'NameComponent',
  data: {
    msg: 'Hello Vue.js!’
  }
}
</script>

<style lang='sass'></style>
```

NameComponent.vue

Directives

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v-if

```
<div id="demo">
  <h1 v-if=“showElement">{{msg}}</h1>
</div>
```

v-show

```
<div id="demo">
  <h1 v-show=“showElement”>{{msg}}</h1>
</div>
```

v-for

```
<div id="demo">
  <h1 v-for=“post in posts”>{{post.title}}</h1>
</div>

var vm = new Vue({
  el: '#demo',
  data: {
    posts: [
      {
        title: “Welcome to Vue”
      }
    ]
  }
})
```

v-model

```
<div id="demo">
  <input type=“text” v-model=“name”>
</div>
```

```
var vm = new Vue({
  el: '#demo',
  data: {
    name: ‘’
  }
})
```

Let’s play with Vue