



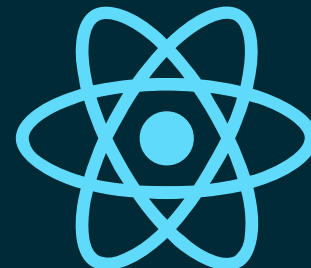


PAUL SPENKE

#Engineer #Webdeveloper #HungryFoolish




 deepDiverPaul





COMPARISON



Start	2014	2010 2016	2013
Creator			
Stargazers	156k	117k	143k
Contributors	286	2657	1353
Size	80KB	500+KB	100KB

SIMILARITIES

based on components

active community

MIT license

Plugins for major IDEs

ADVANTAGES

easy to learn and read, single-file-components

reactive two-way data binding

virtual DOM

documentation

easy to integrate into existing projects

DISADVANTAGES

easy to create messy code

too much flexibility

complex reactivity-system

no of support for projects in a large-scale

HOW CAN I USE

```
<script src="https://cdn.jsdelivr.net/npm/vue"></script>
```

```
npm install vue
```

BASIC SYNTAX

```
1 <div id="app">
2   {{ message }}
3 </div>
```

```
1 var app = new Vue({
2   el: '#app',
3   data: {
4     message: 'Hello Vue!'
5   }
6 })
```

Hello Vue!

LOOPS & BINDINGS

```
1 <div id="app">
2     <i v-for="icon in icons" :class="icon"></i>
3 </div>
```

```
1 var app = new Vue({
2     el: '#app',
3     data: {
4         icons: [
5             'fab fa-vuejs',
6             'fab fa-react',
7             'fab fa-angular'
8         ]
9     }
10 })
```



ACTIONS & METHODS

```
1 <div id="app">
2     {{ counter }}
3     <button class="button" @click="add">+ 1</button>
4 </div>
```

```
1 var app = new Vue({
2     el: '#app',
3     data: {
4         counter: 0
5     },
6     methods: {
7         add() {
8             this.counter += 1
9         }
10    }
11 })
```

0 + 1

CONDITIONS & MODELS

```
1 <div id="app">
2   <input type="checkbox" v-model="show">
3   <input type="text" v-model="message">
4   <p v-if="show">{{ message }}</p>
5 </div>
```

```
1 var app = new Vue({
2   el: '#app',
3   data: {
4     message: 'Hello Vue!',
5     show: true
6   }
7 })
```

☒ Hello Vue!
Hello Vue!

COMPONENT SYNTAX

```
1 <template>
2   <div></div>
3 </template>
4
5 <script>
6   export default {
7     name: 'HelloWorld',
8     data: {}
9   }
10 </script>
11
12 <style scoped="">
13
14 </style>
```

COMPONENT DECLARATION

*.vue File

```
1 Vue.component('my-component-name', {  
2     /* ... */  
3 })
```


PASSING PROPS TO COMPONENT

```
<helloworld message="Hello Vue!" :show="true"></helloworld>
```

```
1 export default {  
2   name: 'helloworld',  
3   props: {  
4     message: String,  
5     show: Boolean  
6   }  
7 }
```

EMIT EVENTS FROM COMPONENT

```
this.$emit('myevent', payload)
```

```
<helloworld @myevent="handleEvent"></helloworld>
```

```
1 methods: {  
2     handleEvent(payload) {  
3         /* ... */  
4     }  
5 }
```

OFFICIAL TOOLS/ADDONS

Vue CLI

Vuex

Vue-Router

Vue Server Renderer

Vue dev-tools

Vue UI (beta)



MakeAG



ToDo apps

Serverless statusdisplays for conference-Rooms

Event-management app

Icon-generator

Advanced landingpages

madewithvuejs.com

OUTLOOK V3

based on typescript

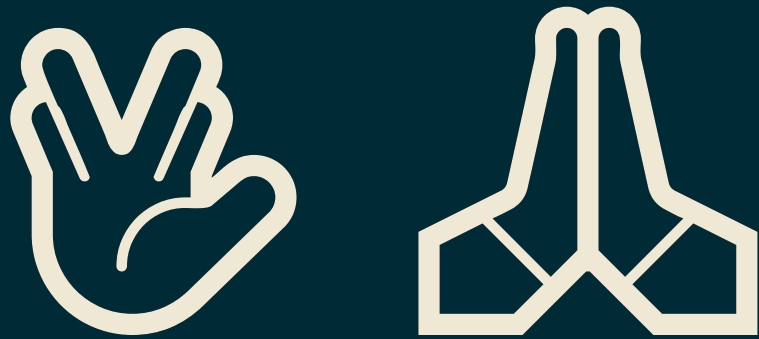
exposed reactivity API

components Class-based not Object-based

(internal transformer for backwards-compatibility)

composition-api

smaller runtime



github.com/vuejs/awesome-vue