



链滴

2017 VS 2016 前端使用数据对比

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来源网站: [链滴](#)

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<p></p>
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<!-- 黑客派PC帖子内嵌-展示 -->

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<p>JavaScript 生态系统比以前更加丰富，即使是最有经验的开发人员，在考虑各个阶段可用的众多项时也会犹豫。</p>

<p>这就是调查所在的地方：我们向全世界超过 28,000 名开发人员提出了 100 多个问题，涵盖了从端库到后端框架。</p>

<p>我们相信，结果是当前可用的 JavaScript 状态的最完整的图片，我们很高兴与您分享！</p>

<p>附：如果所有这些数据让你倍感压力，我相信今年你一定会大踏步前行。</p>

<h2 id="JavaScript-预编译">JavaScript 预编译</h2>

<p>当谈论 JavaScript 时，你不仅仅是在谈论一个单一的语言，而是关于这个语言的很多东西。</p>

<p>虽然 ES6 现在已经是一个行之有效的标准，但有朝一日，TypeScript 的崛起可能会对其产生挑战，而 TypeScript 正迅速成为有类型的 JavaScript 领域的领导者。</p>

- 1-5 分，开发者为当前预编译环境打分为 4
- 使用过 2 种库的人最多
- 其中 Reason 开发者平均工资最高
- ClojureScript 开发者平均工作年限最长

<h3 id="使用情况对比">使用情况对比</h3>

<th></th>	<th>未听过</th>	<th>知道但不感兴趣</th>	<th>进一步了解</th>	<th>使用过</th>	<th>继续使用</th>
<td>Reason</td>	<td>77.72%</td>	<td>11.52%</td>	<td>9.95%</td>	<td>0.24%</td>	<td>0.55%</td>
<td>ClojureScript</td>	<td>28.46%</td>	<td>47.71%</td>	<td>20.27%</td>		

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前端库

与往常一样，JavaScript 的斗争往往是以前端框架为导向的。React 仍然是这里的主要玩家，但是由于 Angular 的流行度下降，Vue 正在取得巨大的收益。到 2018 年，这张图表可能会变得非常不同！

- 1-5 分，开发者为当前环境打分为 3.8
- 很专注于一种库的使用
- 其中 Ember 开发者平均工资最高
- Backbone 开发者平均工作年限最长

使用情况对比

17 未听过	16 未听过
17 了解	16 了解
17 使用过	16 使用过
17 继续使用	16 继续使用

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状态管理

状态管理可以管理客户端和服务端上的数据。

在客户端 Redux 仍然是无可争议的领导者，但是 GraphQL 的兴起可能会让事情发生改变：它价值可能会在不久的将来帮助推动 Relay Modern 和 Apollo 等发展。

1-5 分，开发者为当前环境打分为 3.5

很专注于一种库的使用

其中 Falcor 开发者平均工资最高

Falcor 开发者平均工作年限最长

使用情况对比

<table>

<thead>

<tr>

<th></th>

<th>未听过</th>

<th>知道但不感兴趣</th>

<th>进一步了解</th>

<th>使用过</th>

<th>继续使用</th>

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Node 框架

让我们面对事实：不像其他语言一样，Express 真正的竞争者很少。尽管多年来 Meteor 产生很多特性，但很可惜还不能完使用它。

- 1-5 分，开发者为当前环境打分为 3.5
- 很专注于一种库的使用
- 其中 Hapi 开发者平均工资最高
- 除了 Express，其他开发者平均工作年限都比较长

使用情况对比

	未听过	知道但不感兴趣	进一步了解	使用过	继续使用
Keystone	83.11%	9.75%	4.74%	1.07%	1.30%
FeathersJS	78.41%	11.91%	7.03%	0.75%	1.88%
Loopback	77.16%	12.48%	6.24%	2.16%	1.93%
Sails	55.98%	26.46%	10.25%	4.63%	2.65%

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<!-- 黑客派PC帖子内嵌-展示 -->
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</script>
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<table>
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      <th>17 %</th>
    </tr>
  </thead>
  <tbody>
    <tr>

```



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</tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Loopback</td>
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</tr>
<tr>
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</tr>
<tr>
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</tr>
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<tr>
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<tr>
<td>Rails</td>
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<td>0.57%</td>
</tr>
```

```

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<tr>
  <td>java</td>
  <td>88</td>
  <td>0.39%</td>
</tr>
<tr>
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  <td>76</td>
  <td>0.33%</td>
</tr>
<tr>
  <td>django</td>
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  <td>0.29%</td>
</tr>
</tbody>
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  <th>Koa</th>
  <th>Meteor</th>
  <th>Hapi</th>
  <th>FeathersJS</th>
  <th>Loopback</th>
  <th>Sails</th>
  <th>Keystone</th>
  <th>总票数</th>
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  <td>10.09%</td>
  <td>328.91%</td>
  <td>190.88%</td>
  <td>2.05%</td>
  <td>6.70%</td>
  <td>2.89%</td>
  <td>1.41%</td>
  <td>21776</td>
</tr>
<tr>
  <td>:cn: 中国</td>
  <td>51.2%</td>

```

```
<td>35.1%</td>
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<td>4%</td>
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<td>2.4%</td>
<td>1.6%</td>
<td>1.6%</td>
<td>125</td>
</tr>
</tbody>
</table>
```

测试

与 Javascript 世界一样，测试库的竞争也非常激烈，从快速发布周期、功能、性能以及框架之间断的升级就可以看出。

虽然还没有决出高低，但 Jest 和 Enzyme 脱颖而出，获得了非常高的满意度。

- 1-5 分，开发者为当前环境打分为 3.2
- 大部分人都使用过 2 种测试库
- 其中 Enzyme, Tape 开发者平均工资最高
- 其中 Tape 开发者平均工作年限最长

使用情况对比

	未听过	知道但不感兴趣	进一步了解	使用过	继续使用
Ava	76.05%	8.12%	9.20%	1.65%	4.96%
Tape	73.51%	9.54%	8.63%	1.91%	6.39%
Enzyme	57.12%	8.08%			

```

<td>14.33%</td>
<td>1.13%</td>
<td>19.32%</td>
</tr>
<tr>
<td>Jest</td>
<td>38.02%</td>
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<td>1.67%</td>
<td>24.70%</td>
</tr>
<tr>
<td>Jasmine</td>
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<td>38.96%</td>
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<tr>
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<td>9.50%</td>
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<td>6.56%</td>
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<th></th>
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```

```
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<tr>
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</tr>
<tr>
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<td>N/A</td>
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<tr>
<td>QUnit</td>
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<tr>
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```

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<td>tap</td>
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</tr>
<tr>
<td>lab</td>
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<td>0.09%</td>
<td>N/A</td>
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</tbody>
</table>
<h3 id="国家对比----">国家对比</h3>
<table>
<thead>
<tr>
<th></th>
<th>Ava</th>
<th>Tape</th>
<th>Enzyme</th>
<th>Jest</th>
<th>Jasmine</th>
<th>Mocha</th>
<th>总票数</th>
</tr>

```

```
</thead>
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<td>3.55%</td>
<td>4.57%</td>
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<td>17.70%</td>
<td>27.91%</td>
<td>32.39%</td>
<td>33081</td>
</tr>
<tr>
<td>:cn: 中国</td>
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<td>3.96%</td>
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<td>20.79%</td>
<td>19.80%</td>
<td>34.65%</td>
<td>101</td>
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</tbody>
</table>
```

构建工具

除了 NPM 之外，Webpack 仍然是构建工具的王者。这无疑是由于像 Create-React-App 和 Next.js 这样的无 Webpack 配置封装的出现。

这可能证明它本身就是一把双刃剑：如果有更好的选择出现，这些库可能会不经意之间就转向它。

- 1-5 分，开发者为当前环境打分为 3.7
- 大部分人都使用过 2 中构建工具
- 其中 Rollup 开发者平均工资最高
- 其中 Rollup 开发者平均工作年限比较长

使用情况对比

	未听过	知道但不感兴趣	进一步了解	使用过	继续使用
Rollup	54.27%	13.35%	21.58%	2.20%	

```

<td>8.58%</td>
</tr>
<tr>
<td>Grunt</td>
<td>3.08%</td>
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<td>20.97%</td>
</tr>
<tr>
<td>Browserify</td>
<td>9.10%</td>
<td>29.21%</td>
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<td>22.02%</td>
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<tr>
<td>Gulp</td>
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<td>12.49%</td>
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<td>47.14%</td>
</tr>
<tr>
<td>Webpack</td>
<td>3.54%</td>
<td>3.84%</td>
<td>19.52%</td>
<td>3.53%</td>
<td>69.54%</td>
</tr>
<tr>
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<td>1.29%</td>
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<td>4.22%</td>
<td>90.14%</td>
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</tbody>
</table>
<h3 id="Top-15-占比----">Top 15 占比</h3>
<table>
<thead>
<tr>
<th></th>
<th>17 投票</th>
<th>16 投票</th>
<th>17%</th>
<th>16%</th>
</tr>

```



```
</thead>
<tbody>
<tr>
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<td>25.94%</td>
</tr>
<tr>
<td>Gulp</td>
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<td>43.69%</td>
</tr>
<tr>
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<tr>
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<tr>
<td>Rollup</td>
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<tr>
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<td>GNU Make</td>
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```

```
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<tr>
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<tr>
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<tr>
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<tr>
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</table>
<h3 id="国家对比-----">国家对比</h3>
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<table>
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<th>Browserify</th>
<th>Gulp</th>
<th>Webpack</th>
<th>NPM</th>
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</thead>
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<td>8.11%</td>
<td>8.52%</td>
<td>18.24%</td>
<td>26.91%</td>
<td>34.88%</td>
<td>61257</td>
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<tr>
<td>:cn: 中国</td>
<td>5.15%</td>
<td>2.77%</td>
<td>6.34%</td>
<td>18.25%</td>
<td>32.93%</td>
<td>34.52%</td>
<td>252</td>
</tr>
</tbody>
</table>
```

```
<h2 id="APP">APP</h2>
```

```
<p>PhoneGap / Cordova 的使用率虽然高，但是满意度却比较低，这非常的糟糕。 尽管看起来原生 APP 将始终是最可靠的解决方案，但 React Native 最终可能会替代原生 APP 成为最好的解决方案。
```

- ```
/p>

1-5 分，开发者为当前环境打分为 3.3
大部分人只使用过 1 种打包工具

```

```
<h3 id="使用情况对比-----">使用情况对比</h3>
```

```
<table>
<thead>
<tr>
<th></th>
<th>未听过</th>
<th>知道但不感兴趣</th>
<th>进一步了解</th>
```

```

<th>使用过</th>
<th>继续使用</th>
</tr>
</thead>
<tbody>
<tr>
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<td>22.19%</td>
<td>1.80%</td>
<td>2.12%</td>
</tr>
<tr>
<td>Ionic</td>
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<td>33.84%</td>
<td>21.47%</td>
<td>9.96%</td>
<td>10.36%</td>
</tr>
<tr>
<td>PhoneGap/Cordova</td>
<td>13.45%</td>
<td>38.77%</td>
<td>13.73%</td>
<td>19.76%</td>
<td>14.26%</td>
</tr>
<tr>
<td>React Native</td>
<td>4.29%</td>
<td>17.13%</td>
<td>56.96%</td>
<td>1.53%</td>
<td>20.08%</td>
</tr>
<tr>
<td>Electron</td>
<td>16.54%</td>
<td>13.63%</td>
<td>47.33%</td>
<td>1.62%</td>
<td>20.86%</td>
</tr>
<tr>
<td>Native Apps</td>
<td>5.14%</td>
<td>17.39%</td>
<td>38.44%</td>
<td>5.55%</td>
<td>33.46%</td>
</tr>
</tbody>

```

</table>  
 <h2 id="CSS">CSS</h2>  
 <p>目前关于样式组件大多都使用 CSS-in-JS，特别是在 React 生态系统中。</p>  
 <p>但是调查结果显示，目前开发者仍然更喜欢 SASS / SCSS，甚至很多公司还在直接使用 CSS。</p>  
 <p>在国内个人感觉 Less 用的更多一点。也许是 SASS 安装问题，也有可能是下图数据展示用 LESS 的人平均薪酬要高一些吧 :blush:</p>

### 

	了解	使用过	继续使用	未听过
Stylus	42.45%	24.22%	8.15%	57.26%
Foundation	39.19%	N/A	1.78%	N/A
CSS-in-JS	43.76%	N/A	7.03%	N/A

```

<td>N/A</td>
</tr>
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<td>39.95%</td>
<td>0.81%</td>
<td>25.71%</td>
<td>30.86%</td>
<td>31.07%</td>
<td>33.32%</td>
<td>3.27%</td>
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</tr>
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<td>59.97%</td>
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<td>0.62%</td>
<td>N/A</td>
</tr>
<tr>
<td>Plain CSS</td>
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<td>N/A</td>
<td>25.19%</td>
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<td>70.92%</td>
<td>N/A</td>
<td>0.78%</td>
<td>N/A</td>
</tr>
<tr>
<td>SASS/SCSS</td>
<td>16.22%</td>
<td>0.57%</td>
<td>7.32%</td>
<td>11.11%</td>
<td>75.43%</td>
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<td>1.03%</td>
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<td>18.73%</td>

```

```

<td>N/A</td>
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<tr>
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<th></th>
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<th>%</th>
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<tr>
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```

```

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<tr>
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<p>1-5 分, 开发者为当前 CSS 库打分为 3.8</p>
<h3 id="Top-15-占比-----">Top 15 占比</h3>
<table>
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<tr>
<th></th>
<th>17 投票</th>
<th>16 投票</th>
<th>17 %</th>
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</tr>
</thead>
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<td>13.64%</td>
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<tr>
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<thead>
<tr>
<th>我不知道这是什么</th>
<th>不需要</th>
<th>很好, 但不需要</th>
<th>主要特性</th>
<th>必不可少的特性</th>
</tr>
</thead>
<tbody>
<tr>
<td>7%</td>
<td>4%</td>
<td>39%</td>
<td>38%</td>
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</tbody>
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<h3 id="增量更新">增量更新</h3>
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<th>主要特性</th>
<th>必不可少的特性</th>
</tr>
</thead>
<tbody>
<tr>
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<td>8%</td>
<td>43%</td>
<td>24%</td>
<td>5%</td>
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<h3 id="热更新">热更新</h3>
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<th>主要特性</th>
<th>必不可少的特性</th>
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</thead>
<tbody>
<tr>

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<td>37%</td>
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<th>必不可少的特性</th>
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</thead>
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<th>主要特性</th>
<th>必不可少的特性</th>
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</thead>
<tbody>
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</table>
<h3 id="死码消除">死码消除</h3>
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<th>我不知道这是什么</th>
<th>不需要</th>
<th>很好, 但不需要</th>
<th>主要特性</th>
<th>必不可少的特性</th>
</tr>
</thead>
<tbody>
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<td>41%</td>
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</tbody>
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<th>主要特性</th>
<th>必不可少的特性</th>
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<tbody>
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<td>33%</td>
<td>25%</td>
<td>12%</td>
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</tbody>
</table>
<h3 id="服务工作线程">服务工作线程</h3>
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<th>不需要</th>
<th>很好, 但不需要</th>
<th>主要特性</th>
<th>必不可少的特性</th>
</tr>
</thead>
<tbody>
<tr>
<td>15%</td>
<td>9%</td>
<td>43%</td>

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<td>27%</td>
<td>6%</td>
</tr>
</tbody>
</table>
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### 离线应用</h3>

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<td>8%</td>
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</tbody>
</table>
```

## 总结</h2>

<p>信不信由你，我们只是抓了表面。这里提到的每个库和工具都可以进一步细分为插件，包，插件其他扩展的列表。</p>

<p>无论如何，就像去年一样，我们的总体结论仍然是一样的：JavaScript 不断改进，不断发展。这点吓人，但也是令人兴奋的：毕竟，你知道学习 JavaScript 永远不会变得无聊！</p>

<p>那么未来会带来什么呢？JavaScript 会成为主流吗？GraphQL 真的会接管世界吗？JavaScript Reason, Elm 会变成默认的编码方式吗？</p>

<p><code>注</code> 以上数据分别精选自 <a href="https://link.ld246.com/forward?goto=https%3A%2F%2F2017.stateofjs.com%2F2017%2Fintroduction%2F" target="\_blank" rel="nofollow ugc">2017</a> & <a href="https://link.ld246.com/forward?goto=https%3A%2F%2Fahleynolan.co.uk%2Fblog%2Ffrontend-tooling-survey-2016-results" target="\_blank" rel="nofollow ugc">2016</a>。由于两次统计的机构、方式等不一致，两年数据对比将会存在 <code>错误</code> 结论。</p>

## 往年数据分析</h2>

<p><a href="https://link.ld246.com/forward?goto=https%3A%2F%2Fhacpai.com%2Farticle%2F1483588354845" target="\_blank" rel="nofollow ugc">2016 VS 2015 前端大杂烩使用数据对比<br></a></p>

<p><a href="https://link.ld246.com/forward?goto=https%3A%2F%2Fhacpai.com%2Farticle%2F1451532709100" target="\_blank" rel="nofollow ugc">2015 前端生态发展回顾</a></p>