



链滴

2016 VS 2015 前端大杂烩使用数据对比

作者: [Vanessa](#)

原文链接: <https://ld246.com/article/1483588354845>

来源网站: 链滴

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

CSS

CSS 预处理工具

预处理工具	2015 投票	2016 投票	2015
Sass 3.39%	1297	2,989	63.95%
Less 0.14%	308	478	15.19%
Stylus .91%	76	137	3.75%
No Preprocessor 3.64%	305	643	15.04%
PostCSS .31%	N/A	392	N/A
Rework .06%	N/A	3	N/A
Other .55%	42	73	2.07%

CSS 使用经验

预处理工具	2015 了解	2016 了解	2015 写过 Demo	20
6 写过 Demo	2015 感觉好使	2016 感觉好使	2015 从未听过	
016 从未听过				
Sass – Standard or SCSS syntax 1.11% (524)	N/A	N/A	0.57% (27)	N/A
Less A	N/A	0.81% (38)	N/A	30.86% (1,455)
Stylus /A	N/A	24.22% (1,142)	N/A	57.26% (2,700)
PostCSS 7% (2,139)	47.78% (969)	21.76% (1,026)	9.32% (189)	45.
Rework % (951)	7.15% (145)	18.73% (883)	35.75% (725)	14.
	19.03% (386)	78.43% (3,698)	1.53% (31)	20.1
	0.69% (14)	0.91% (43)	78.75% (1,597)	0.49% (

CSS 命名空间

情况	2016投票	2016 %
Yes	2,170	46.02%

No – I' ve heard of CSS naming schemes but don' t use one 731 36.71%	1
No – I' ve never heard of CSS naming schemes 7.26%	814

CSS 校验

情况	2016 投票	2016%
Yes	2,232	47.34%
No – I don' t lint my CSS 2.66%	2,483	

CSS 工具使用经验

预处理工具 16 写过 Demo	2016 从未听过 2016 感觉好使	2016 听过	2
Autoprefixer 5.93% (751)	18.28% (862) 48.61% (2,292)	17.18% (810)	
Susy 9% (457)	55.02% (2,594) 5.51% (260)	29.78% (1,404)	9.
Modernizr 7.96% (1,790)	6.64% (313) 32.47% (1,531)	22.93% (1,081)	
Stylelint 0.39% (490)	54.68% (2,578) 10.58% (499)	24.35% (1,148)	

CSS 方法及命名空间经验

方法论 写过 Demo	2016 从未听过 2016 感觉好使	2016 听过	2016
SMACSS 4.74% (695)	40.57% (1,913) 10.77% (508)	33.91% (1,599)	
Object Oriented CSS (OOCSS) 71)	17.77% (838)	28.27% (1,333) 12.15% (573)	41.80% (1,
Atomic Design 4.34% (676)	41.53% (1,958) 10.39% (490)	33.74% (1,591)	
ITCSS 50% (212)	68.34% (3,222) 4.79% (226)	22.38% (1,055)	4
CSS Modules 5.95% (752)	27.42% (1,293) 11.86% (559)	44.77% (2,111)	
BEM 49% (872)	24.90% (1,174) 33.09% (1,560)	23.52% (1,109)	18
SUIT CSS .90% (184)	69.42% (3,273) 2.55% (120)	24.14% (1,138)	

CSS 工具使用情况

工具/方法论	2016 投票	2016 %
SMACSS	613	13.00%
Object Oriented CSS (OOCSS) 4.76%	696	
Atomic Design	680	14.42%
ITCSS	248	5.26%
CSS Modules	740	15.69%
BEM	1905	40.40%
SUIT CSS	111	2.35%
Autoprefixer	2,414	51.20%
Susy	237	5.03%
Modernizr	1,828	38.77%
Stylelint	682	14.46%
I don't use any of these approaches or tools 3.22%		1,095

JavaScript

JavaScript 技能

技能	2016 投票	2016 %
Beginner	78	4.18%
Novice (between Beginner and Intermediate) 1.73%	424	
Intermediate	1,243	32.98%
Advanced (between Intermediate and Expert) 5.72%	2,203	
Expert	767	15.40%

JavaScript 运行工具

运行工具	2015 投票	2016 投票	2015%
Gulp 3.69%	888	2,060	43.79%
NPM Scripts 5.94%	64	1,223	3.16%
Grunt 1.75%	559	554	27.56%

Make 15%	N/A	54	N/A	1
GUI Application (i.e. Codekit) /A	1.97%	N/A	93	
Broccoli /A	22	N/A	1.08%	
Other .54%	99	214	4.88%	
Don't Use a Task Runner 53%	10.97%	396	517	19

JavaScript 库及框架

库/框架 了解 016 感觉好使	2015 从未听过 2015 写过 Demo	2016 从未听过 2016 写过 Demo	2015 了解 2015 感觉好使	2016
jQuery .2% (146)	0% (0) 12.17% (574)	0.11% (5) 91.4% (1,854)	1.4% (28) 86.87% (4,096)	0.85% (40)
Underscore 12% (1,326) 4% (1,756)	10.1% (204) 20% (406)	10.22% (482) 24.41% (1,151)	34.5% (700) 35.4% (718)	28 37.
Lodash /A	N/A 19.75% (931)	15.89% (749) N/A	N/A 37.67% (1,776)	26.70% (1,259)
Backbone (2,741) % (686)	1.9% (39) 21.1% (427)	4.31% (203) 23.01% (1,085)	60.8% (1,234) 16.2% (328)	58.13 14.5
Angular 1 896 ,353)	0.5% (10) 33.5% (680)	0.66% (31) 30.43% (1,435)	36.9% (748) 29.1% (590)	40.21% (1 28.70% (
Angular 2 /A	N/A 20.19% (952)	0.89% (42) N/A	N/A 5.32% (251)	73.59% (3,470)
Ember 697)	4.2% (86) 13.1% (265)	3.75% (177) 11.71% (552)	78.7% (1,595) 4% (82)	78.41% (3 6.13% (289)
React 9.9% (404)	4% (81) 28.04% (1,322)	0.76% (36) 14.3% (290)	61.8% (1,253) 28.91% (1,363)	42.29% (1,994)
Polymer % (3,427) 5)	15.7% (318) 11.4% (231)	13.55% (639) 11.75% (554)	70.4% (1,429) 2.5% (50)	72.6 2.01% (
Aurelia /A	N/A 3.20% (151)	43.71% (2,061) N/A	N/A 3.05% (144)	50.03% (2,359)
Vue.js /A	N/A 13.11% (618)	14.68% (692) N/A	N/A 5.66% (267)	66.55% (3,138)
MeteorJS /A	N/A 11.69% (551)	9.59% (452) N/A	N/A 2.82% (133)	75.91% (3,579)
Knockout	19% (386)	16.14% (761)	65.2% (1,321)	66.6

% (3,141 79)	9.7% (197)	11.33% (534)	6.1% (124)	5.92% (
-----------------	------------	--------------	------------	---------

JavaScript 库、框架在主要项目中的使用情况

库/框架	2015 投票	2016 投票	2015 %
jQuery 9.65%	799	3284	56.47%
Underscore 5.14%	18	714	1.27%
Lodash 2.39%	N/A	1527	N/A
Backbone .38%	42	301	2.97%
Angular 1 5.03%	253	1180	17.88%
Angular 2 .21%	N/A	387	N/A
Ember .94%	34	280	2.40%
React 7.67%	124	1776	8.76%
Polymer .85%	4	87	0.28%
Aurelia .27%	N/A	154	N/A
Vue.js .67%	N/A	456	N/A
MeteorJS .44%	N/A	115	N/A
Knockout .31%	21	156	1.48%
I don't use any of these approaches or tools .48%	2.80%	120	132

JavaScript 库、框架将会在主要项目中的进行使用调查

库/框架	2016 投票	2016 %
None of them are essential – I feel comfortable using native JavaScript on my projects	85	20.89%
jQuery	1468	31.13%
Underscore	38	0.81%

Lodash	262	5.56%
Backbone	38	0.81%
Angular 1	386	8.19%
Angular 2	129	2.74%
Ember	178	3.78%
React	857	18.18%
Polymer	16	0.34%
Aurelia	113	2.40%
Vue.js	148	3.14%
MeteorJS	8	0.17%
Knockout	17	0.36%
Other (please specify)	72	1.53%

JavaScript 模块化

模块化	2015 投票	2016 投票	2015 %
016 %			
I don't use a module bundler		1093	1516
3.9%	32.15%		
RequireJS	273	359	13.46%
.61%			
Browserify	334	510	16.47%
0.82%			
Webpack	213	1962	10.5%
1.61%			
Rollup	79	1.68%	
JSPM	45	108	2.22%
.29%			
Other (please specify)	70	181	3.45%
.84%			

JavaScript 转换工具

情况	2016 投票	2016 %
Yes	2,942	62.40%
No – I've heard of these tools, but haven't used one		1,443
0.60%		
No – I've never heard of a JavaScript transpiler		330
.00%		

JavaScript 校验

工具	2016 投票	2016 %
I don't use a JavaScript linter	1,076	2.82%
JSLint	894	18.96%
JSHint	657	13.93%
ESLint	1,927	40.87%
xo	24	0.51%
Other (please specify)	137	2.9%

JavaScript 测试

工具	2015 投票	2015 %	2016 投票	2016 %
I don't use a tool to test my JS	47.53%	9.66%	1210	2,241
Jasmine	332	7.01%	802	16.37%
Mocha	305	2.50%	1,061	15.04%
Tape	30	46%	69	1.48%
Ava	N/A	8%	84	N/A
QUnit	78	.22%	199	3.85%
Jest	16	48%	164	0.79%
Karma	15	/A	N/A	0.74%
Intern	8	/A	N/A	0.39%
Other (please specify)	34	.01%	95	1.68%

前端工具

工具	2015 从未听过 2015 写过 Demo	2016 从未听过 2016 写过 Demo	2015 了解 2015 感觉好使	2016 2016 感觉好使
Bower	3.30% (67)	2.52% (119)	23.27% (472)	21.34% (1006)
Webpack	28.06% (569)	33.96% (1,601)	45.36% (920)	42.18% (1,989)

NPM	5.23% (106)	1.76% (83)	6.76% (137)	4.01% (189)
9.63% (398)	14.15% (667)	68.39% (1,387)	80.08% (3,776)	
Yarn	N/A	21.40% (1,009)	N/A	50.56% (2,384)
/A	14.32% (675)	N/A	13.72% (647)	
Babel	N/A	7.15% (337)	N/A	29.20% (1,377)
/A	24.16% (1,139)	N/A	39.49% (1,862)	
Yeoman	12.33% (250)	11.56% (545)	37.13% (753)	41.
3% (1,958)	30.57% (620)	33.47% (1,578)	19.97% (405)	
3.45% (634)				
TypeScript	N/A	6.68% (315)	N/A	60.87% (2,870)
/A	19.53% (921)	N/A	12.92% (609)	
Ender	69.48% (1,409)	N/A	28.55% (579)	N/A
.43% (29)	N/A	0.54% (11)	N/A	

总结

- 较 2015 , 整体使用情况上升幅度不大, 但是 Webpack 和 ES 转换工具将越来越不可或缺
- 尽管谈论 jQuery 的开发者在下降, 但是大部分开发者没有达到其余工具集的使用水平
- JavaScript 测试使用的越来越多, 这得益于前端提供的一系列工具
- 相比 JavaScript, 使用及关注 CSS 方法论、校验、命名空间的增长过慢

数据精选自:

<https://ashleynolan.co.uk/blog/frontend-tooling-survey-2016-results>

<https://ashleynolan.co.uk/blog/frontend-tooling-survey-2015-results>