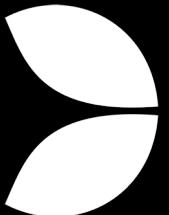


Basic React

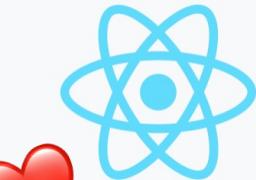


jQuery	
	write less, do more.
Original author(s)	John Resig
Developer(s)	The jQuery Team
Initial release	August 26, 2006; 14 years ago
Stable release	3.6.0 / (March 2, 2021; 31 days ago) ^[1]
Repository	github.com/jquery/jquery 
Written in	JavaScript
Platform	See § Browser support
Size	27–274 KB ^[2]
Type	JavaScript library
License	MIT
Website	jquery.com

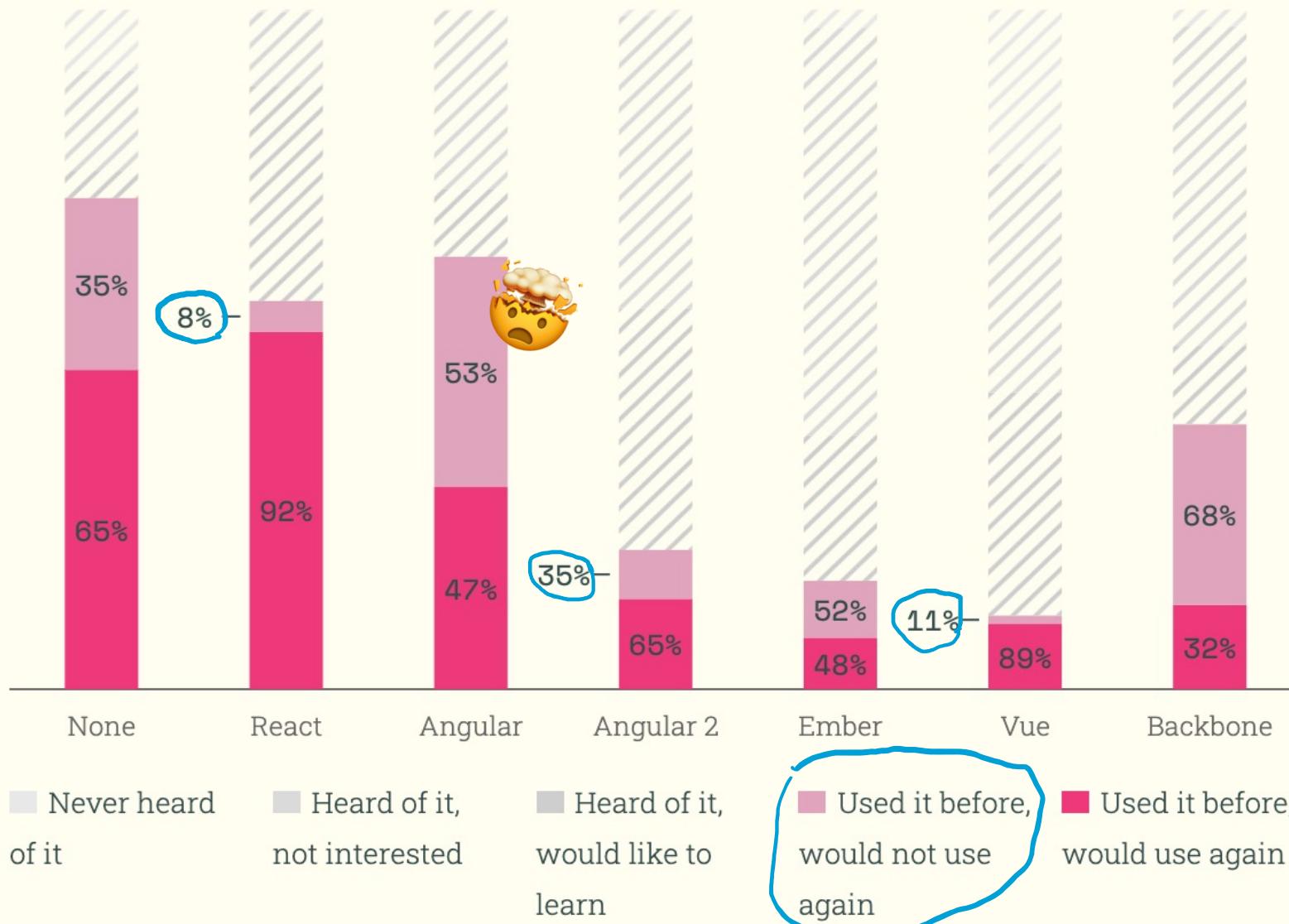
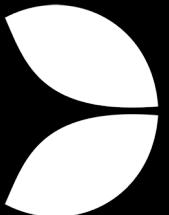
Knockout	
Original author(s)	Steve Sanderson
Initial release	July 5, 2010
Stable release	3.5.1 / November 5, 2019; 16 months ago
Repository	Knockout Repository
Written in	JavaScript
Size	59 KB minified / 283 KB (development mode)
Type	JavaScript library
License	MIT
Website	knockoutjs.com

AngularJS	
	ANGULARJS by Google
Developer(s)	Google
Initial release	October 20, 2010; 10 years ago ^[1]
Stable release	1.8.2 ^[2] / 21 October 2020; 5 months ago
Repository	AngularJS Repository
Written in	JavaScript
Platform	JavaScript engine
Size	167 kB production 1.2 MB development
Type	Web framework
License	MIT License
Website	angularjs.org

Ember.js	
	ember
Original author(s)	Yehuda Katz
Developer(s)	Ember Core Team
Initial release	8 December 2011; 9 years ago
Stable release	3.25.3 ^[1] / 8 March 2021; 25 days ago
Preview release	3.26.0-beta.2 / February 15, 2021; 46 days ago ^[2]
Repository	Ember.js Repository
Written in	JavaScript
Operating system	Cross-platform
Type	JavaScript library
License	MIT License ^[3]
Website	emberjs.com

React	
	
Original author(s)	Jordan Walker
Developer(s)	Facebook and community
Initial release	May 29, 2013; 7 years ago ^[1]
Stable release	17.0.1 ^[2] / 22 October 2020; 5 months ago
Repository	github.com/facebook/react 
Written in	JavaScript
Platform	Web platform
Type	JavaScript library
License	MIT License
Website	reactjs.org

Vue.js	
	
Original author(s)	Evan You
Initial release	February 2014; 7 years ago ^[1]
Stable release	3.0.7 ^[2] / 1 March 2021; 34 days ago
Repository	github.com/vuejs/vue-next 
Written in	TypeScript
Size	33.90KB min+gzip
Type	JavaScript framework
License	MIT License ^[3]
Website	vuejs.org



[https://2016.stateofjs.com/
2016/frontend/](https://2016.stateofjs.com/2016/frontend/)



JSX -> React.createElement -> Snapshot



```
<marquee bgcolor="#ffa7c4">hi</marquee>
```



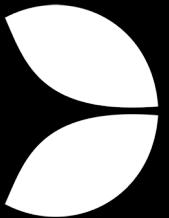
```
React.createElement(  
  /* type */ 'marquee',  
  /* props */ { bgcolor: '#ffa7c4' },  
  /* children */ 'hi'  
)
```



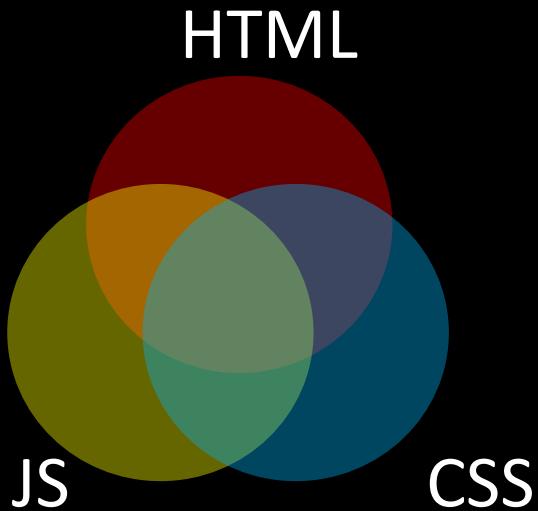
```
{  
  type: 'marquee',  
  props: {  
    bgcolor: '#ffa7c4',  
    children: 'hi',  
  },  
  key: null,  
  ref: null,  
  $$typeof: Symbol.for('react.element'),  
}
```

<https://overreacted.io/why-do-react-elements-have-typeof-property/>

eng.evolution.com



Components



A screenshot of a Facebook profile page for 'Maria Kalesnikava'. Hand-drawn annotations highlight several UI components:

- A pink box highlights the top navigation bar, labeled 'Header'.
- An orange arrow points to the search bar, labeled 'Button'.
- A pink box highlights the profile picture, labeled 'avatar'.
- A pink box highlights the profile name 'Maria Kalesnikava', labeled 'title'.
- A pink box highlights the menu icon in the top right, labeled 'menu'.
- A pink box highlights the 'Common friend' section, labeled 'Common friend'.
- A pink box highlights the 'Добавить' button in the 'Common friend' section.

A close-up of a notification badge with a red circle containing '9+'. A callout box contains the following code:

```
const ConnectedRing = ...  
const RingWithBadge = ...  
const Ring = ...  
const Badge = ...
```

Let's code

