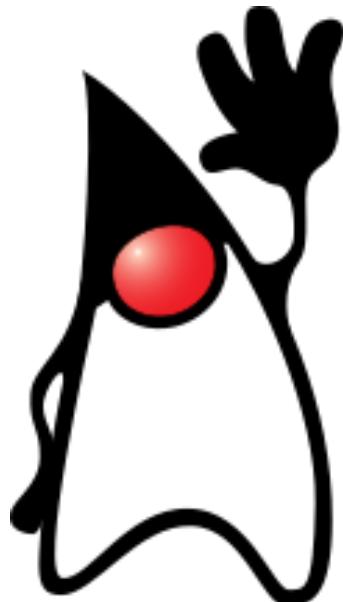


Javascript

its natural habitat
the browser



Microsoft®
Silverlight™



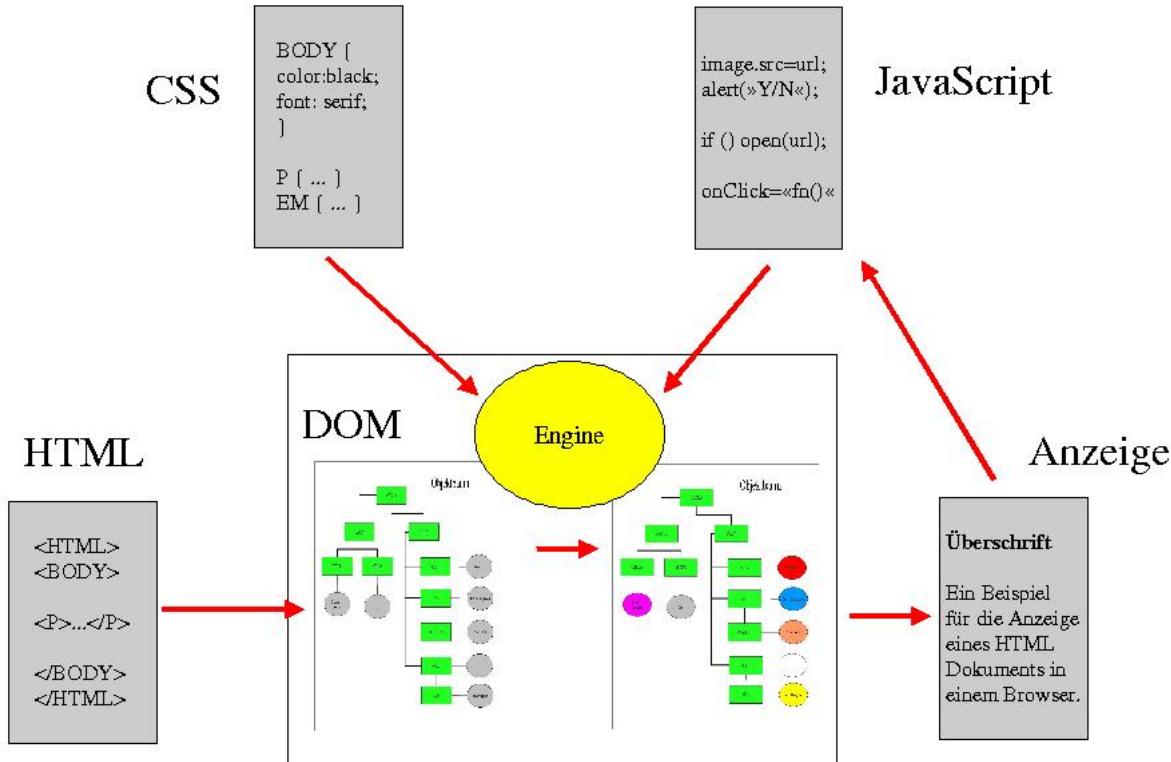


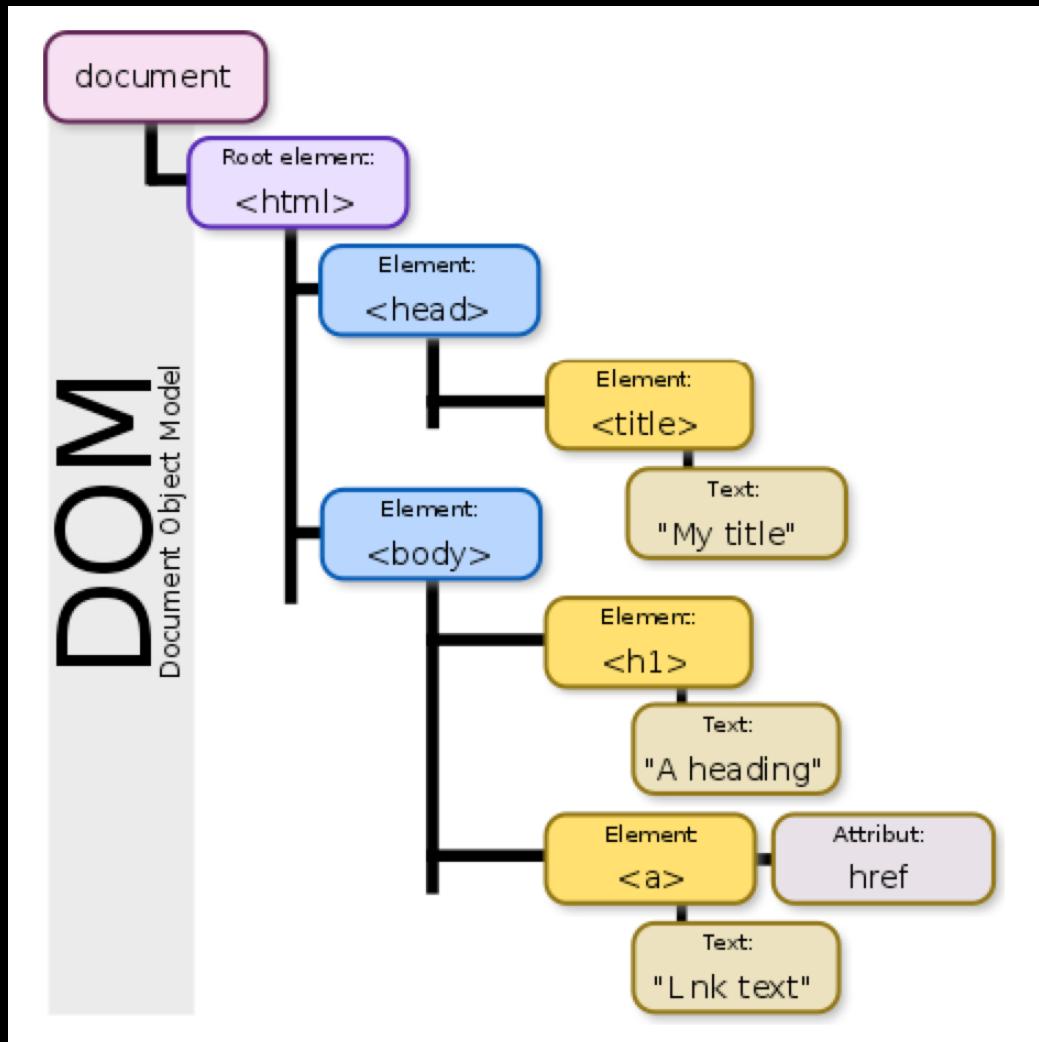
The Web Platform

~

The Browser

HTML, CSS, JavaScript und DOM





<https://css-tricks.com/dom/>

https://en.wikipedia.org/wiki/Document_Object_Model

<http://www.evolutionoftheweb.com/>

XMLHttpRequest

 Languages EditJump to: [Constructor](#) [Properties](#) [Methods](#) [Specifications](#) [Browser compatibility](#) [See also](#)[Web technology for developers](#) › [Web APIs](#) ›

XMLHttpRequest

Related Topics

[XMLHttpRequest](#)

▼ Properties

[onreadystatechange](#)[readyState](#)[responseXML](#)[timeout](#)[upload](#)[withCredentials](#)

▼ Methods

[abort\(\)](#)[getResponseHeader\(\)](#)[open\(\)](#)

Use XMLHttpRequest (XHR) objects to interact with servers. You can retrieve data from a URL without having to do a full page refresh. This enables a Web page to update just part of a page without disrupting what the user is doing. XMLHttpRequest is used heavily in Ajax programming.

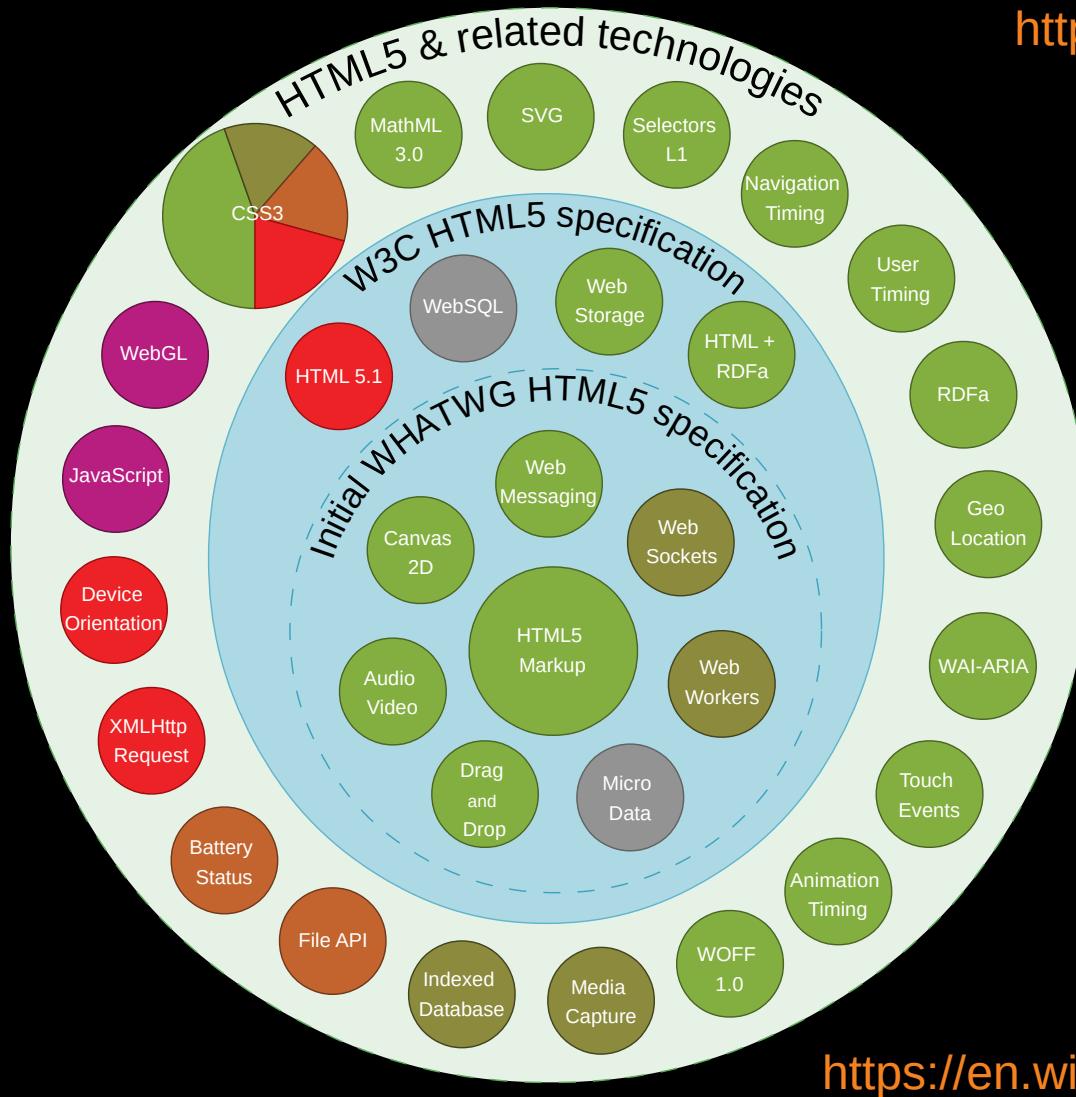


Despite its name, XMLHttpRequest can be used to retrieve any type of data, not just XML, and it supports protocols other than HTTP (including file and ftp).

If your communication needs involve receiving event or message data from the server, consider using [server-sent events](#) through the [EventSource](#) interface. For full-duplex communication, [WebSockets](#) may be a better choice.

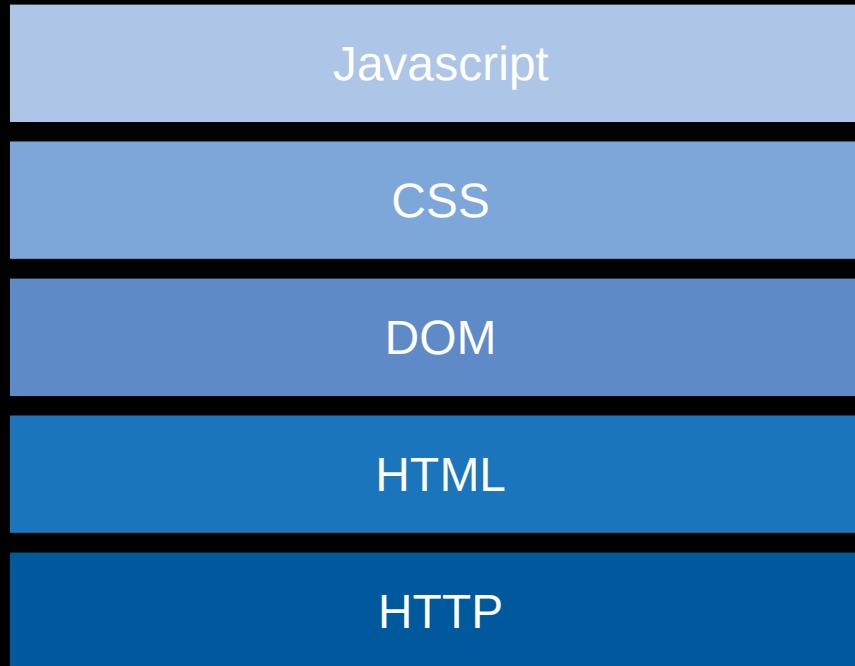
<https://developer.mozilla.org/en-US/docs/Web/API/XMLHttpRequest>

<https://platform.html5.org/>



<https://en.wikipedia.org/wiki/HTML5>

The Web Platform



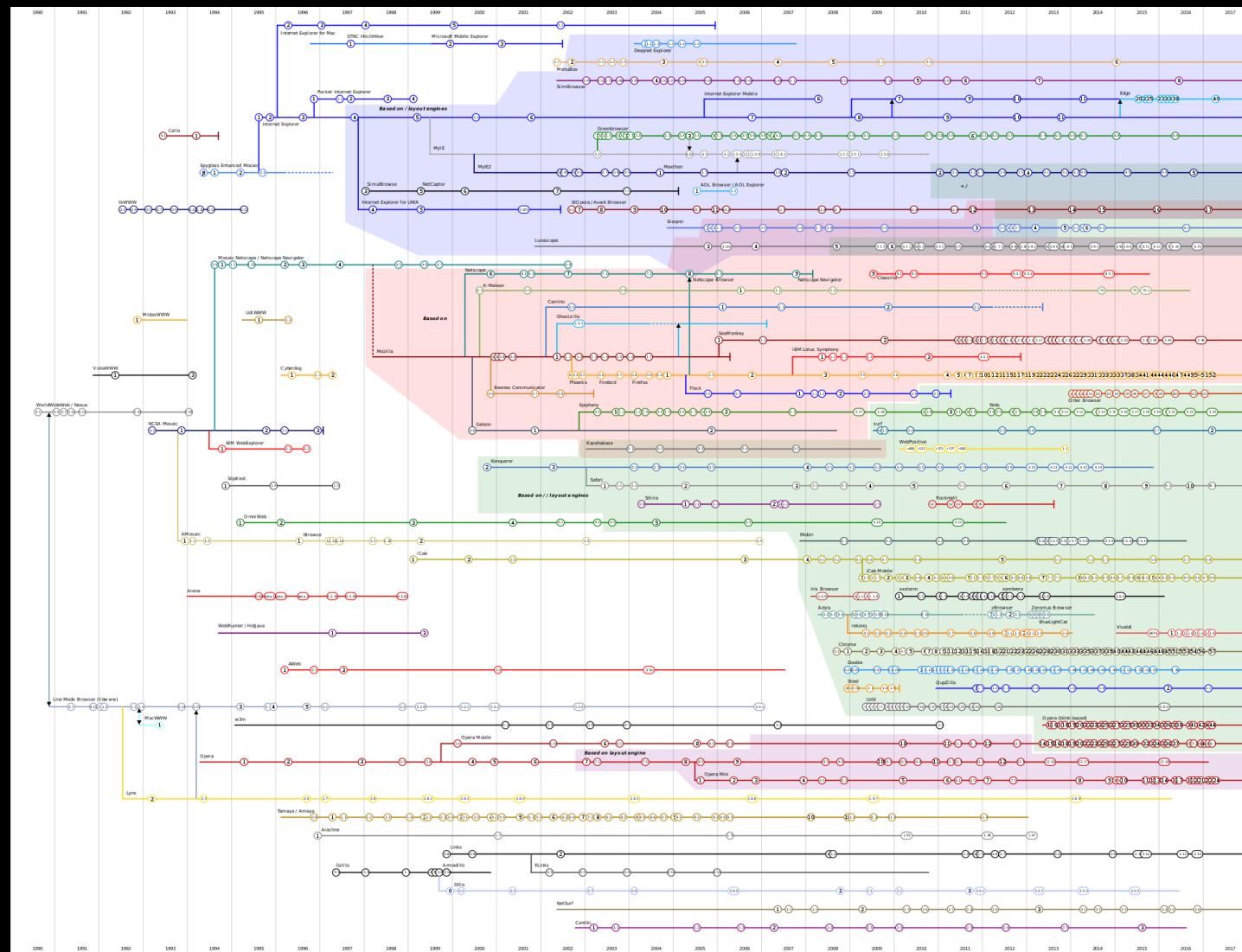
<https://developer.mozilla.org/en-US/docs/Web/API>



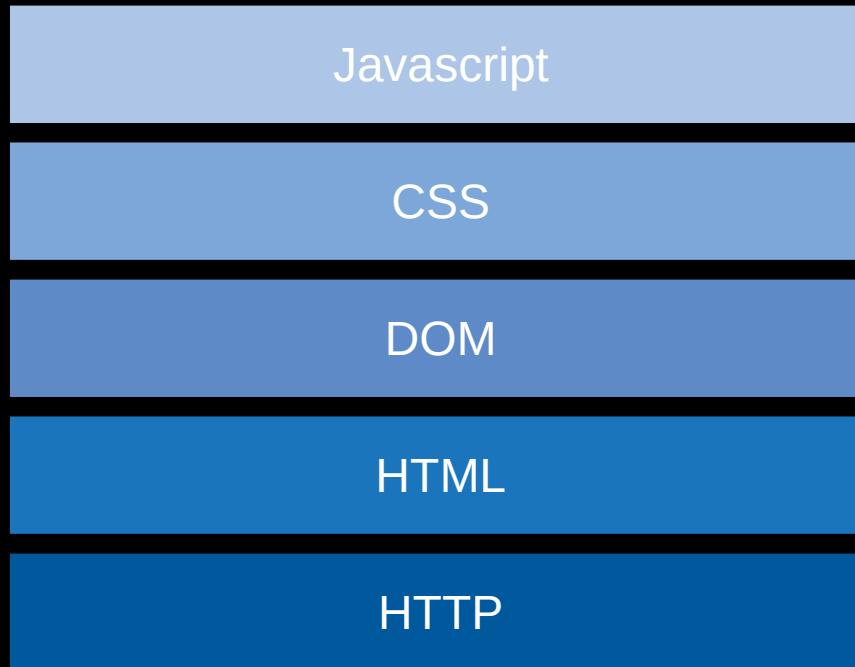
- diversity
- performance
- security
- responsive
- how to write SPA's
- platform limits







The Web Platform



<https://developer.mozilla.org/en-US/docs/Web/API>

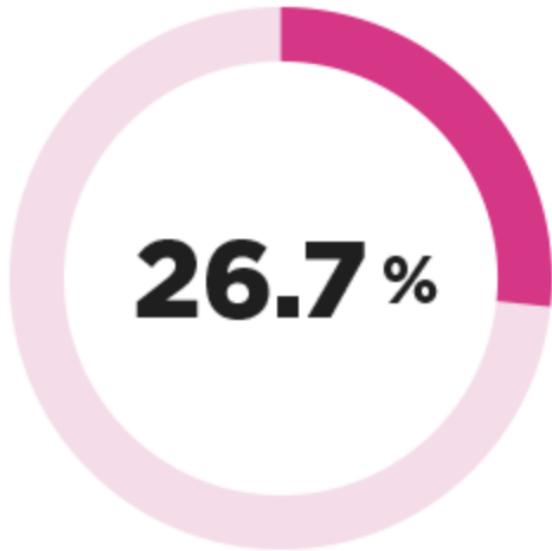




<https://www.owasp.org/>

INDUSTRY ANALYSIS: FINANCIAL SERVICES

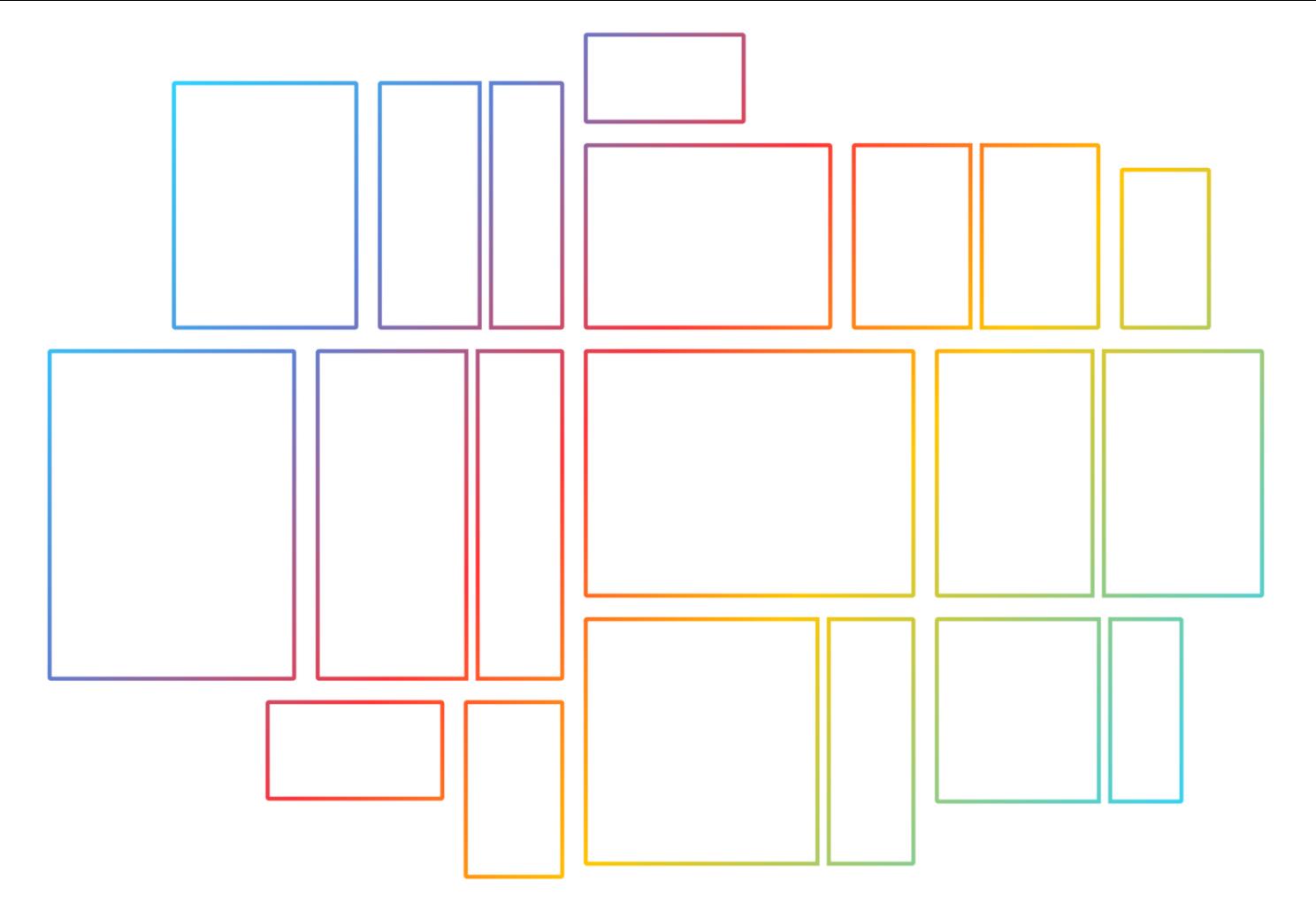
OWASP Pass Rate (Latest Scan)



RANK: 5 OUT OF 7

Financial services organizations showed signs of having some of the most mature application security programs. More than a third of applications were scanned at least monthly (12 times per year on average).

<https://www.veracode.com/state-of-software-security-report>



<https://medium.com/designing-medium/regular-and-compact-ios-display-size-breakdown-for-designers-d3ff3044e06e>

FLEXBOX FROGGY

◀ Level 1 of 24 ▶

Welcome to Flexbox Froggy, a game where you help Froggy and friends by writing CSS code! Guide this frog to the lilypad on the right by using the `justify-content` property, which aligns items horizontally and accepts the following values:

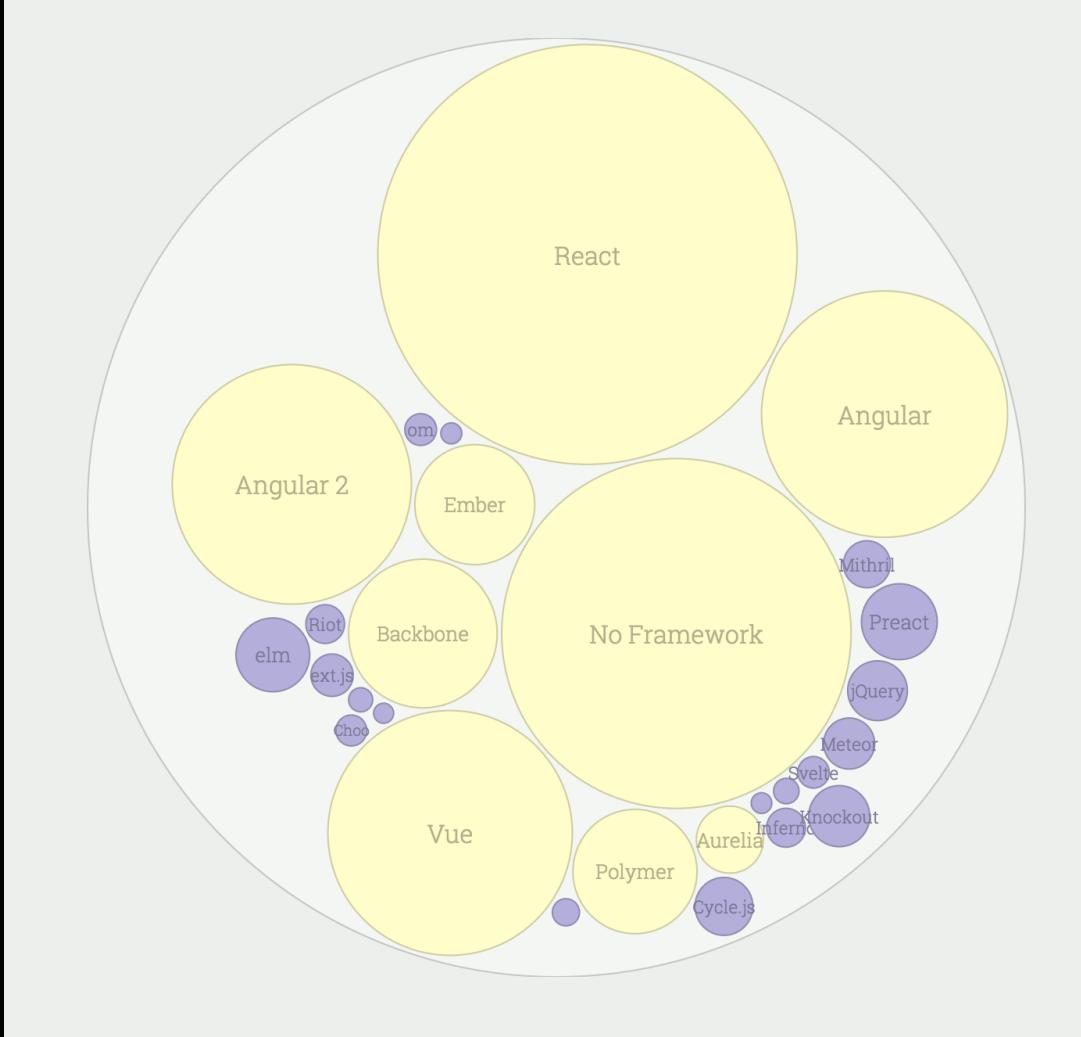
- `flex-start`: Items align to the left side of the container.
- `flex-end`: Items align to the right side of the container.
- `center`: Items align at the center of the container.
- `space-between`: Items display with equal spacing between them.
- `space-around`: Items display with equal spacing around them.

For example, `justify-content: flex-end;` will move the frog to the right.

```
1 #pond {  
2   display: flex;  
3     
4 }  
5  
6  
7  
8  
9  
10
```

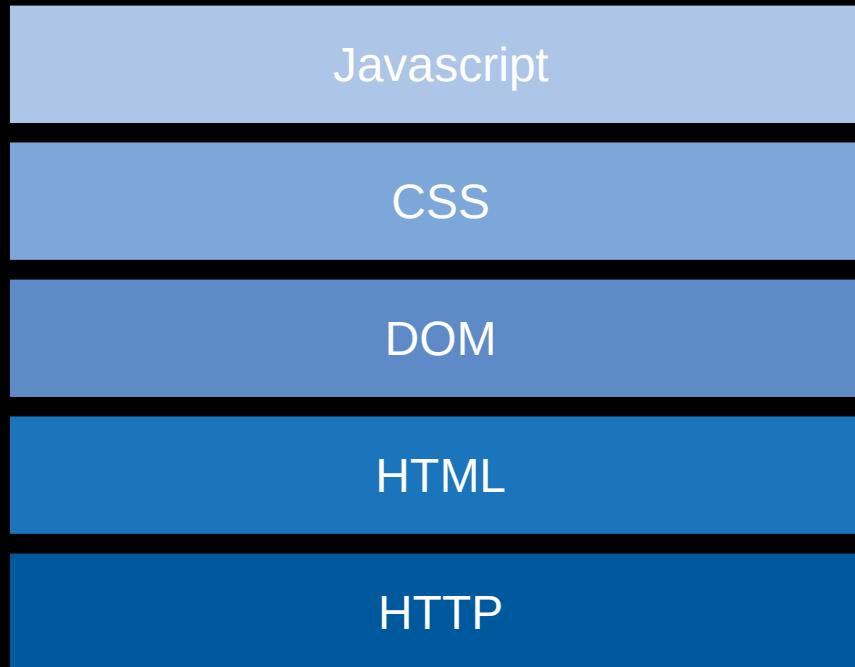
Next





<https://stateofjs.com/2017/front-end/other/>

The Web Platform

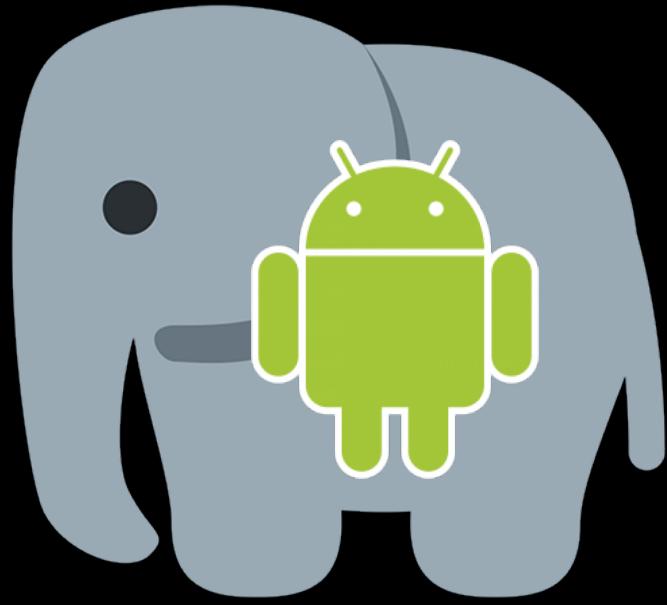
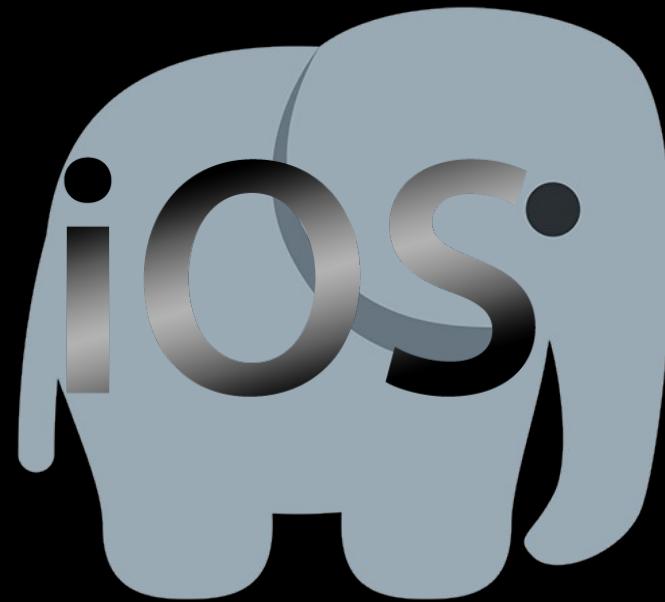


<https://developer.mozilla.org/en-US/docs/Web/API>



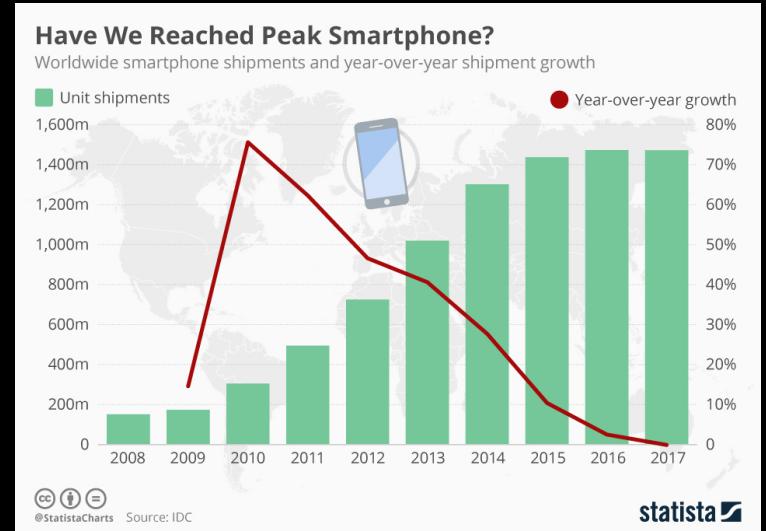
2,924,255

6,687,908



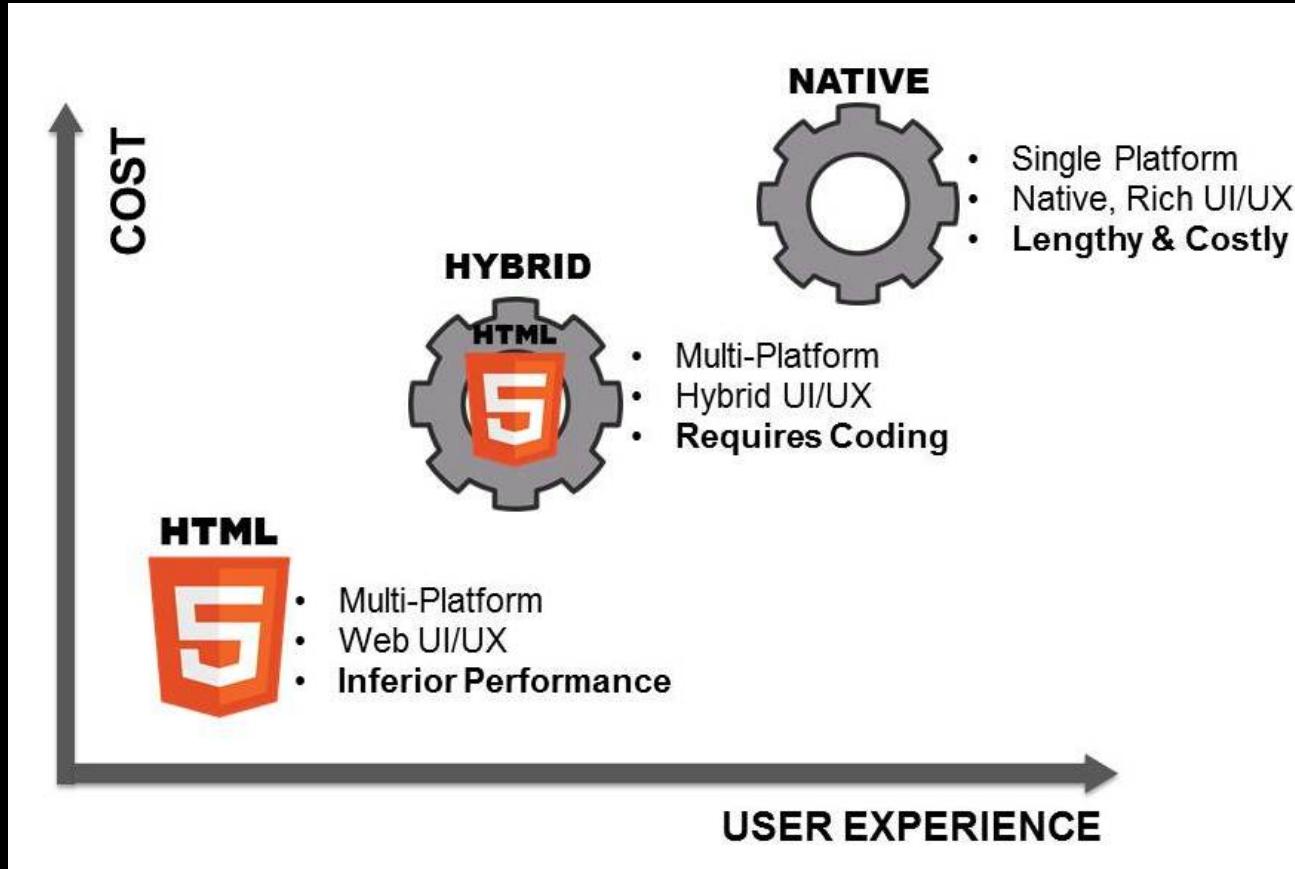
Some Bold Statements

- the web owns B2B apps
- we have reached peak smart phone
- app fatigue is setting in

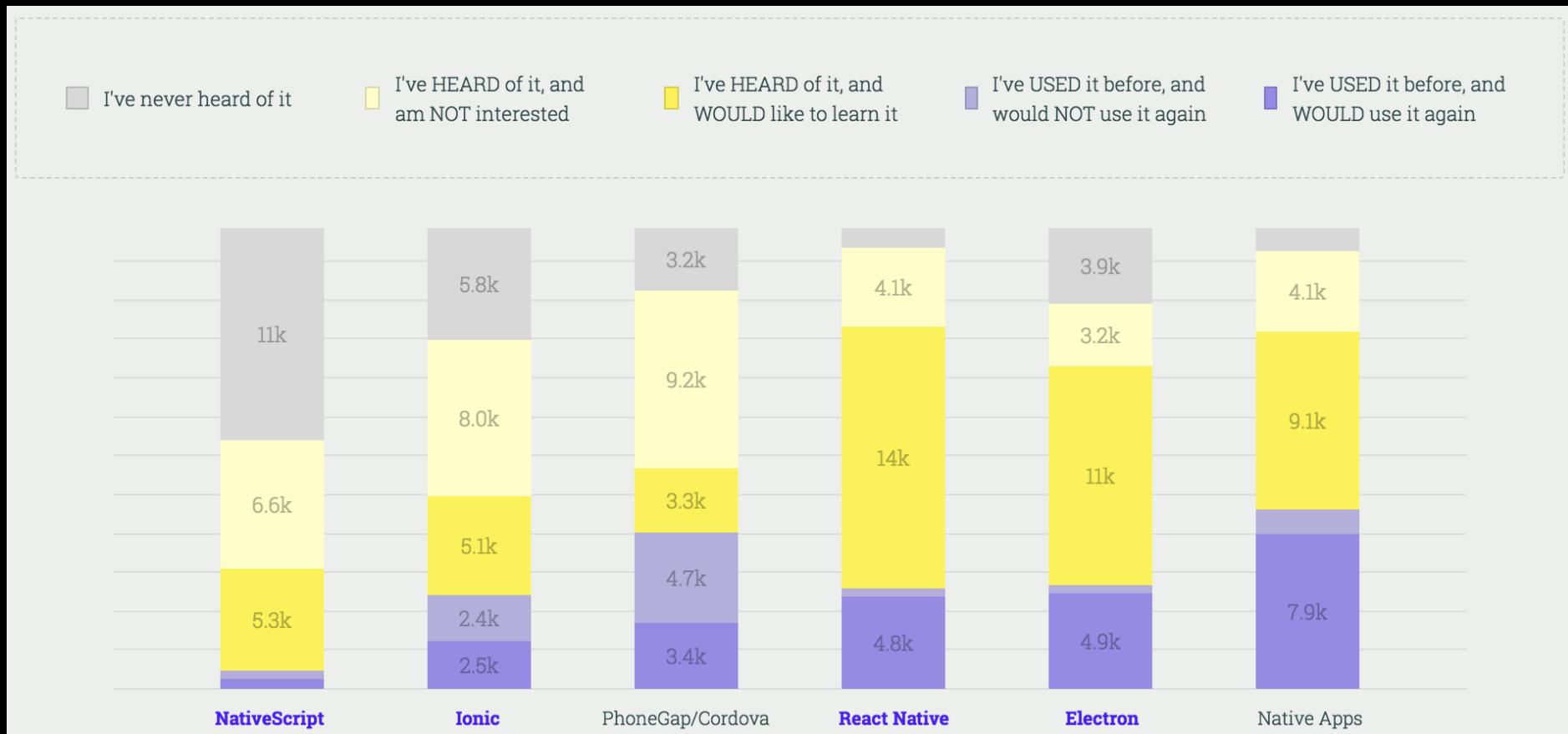


<https://www.statista.com/chart/12798/global-smartphone-shipments/>





<https://www.mobilesmith.com/html5-vs-native-debate-is-over/>



<https://stateofjs.com/2017/mobile/results/>

Session 5 - Workshop

Monday 9th April 12:30

A Scary Walking Skeleton

Session 3

Monday 26th March 12:45

Javascript: its new natural habitat - everywhere

Thank You

<https://www.surveymonkey.com/r/LPP5YV2>