

DWA_02.8 Knowledge Check_DWA2

1. What do ES5, ES6 and ES2015 mean - and what are the differences between them?

- ES5, ES6 and ES2015 are javascript language specifications with several different features
 - They have different specifications/features for enhancement
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2. What are JScript, ActionScript and ECMAScript - and how do they relate to JavaScript?

- JScript, ActionScript and ECMAScript are programming languages implemented or reverse engineered from JavaScript.
 - They were all implemented from JavaScript or they were standard intended to JavaScript
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3. What is an example of a JavaScript specification - and where can you find it?

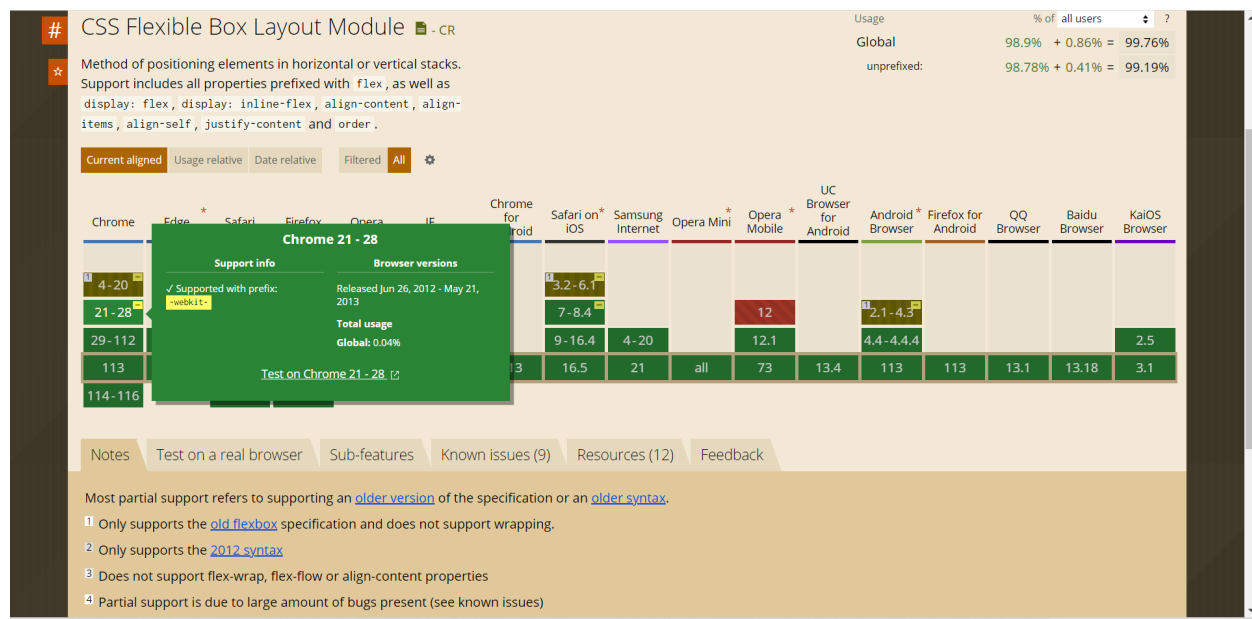
- Single-line comments should always start with "//"
 - It is found in ES6
-

4. What are v8, SpiderMonkey, Chakra and Tamarin? Do they run JavaScript differently?

- Javascript engines that executes javascript codes using the web or Internet
- yes - they use different web browsers and platforms but have the same purpose which is to execute the code

5. Show a practical example using caniuse.com and the MDN compatibility table.

As an example we can use chrome version 21-38 supported css flexbox layout module with prefix



But firefox mozilla version 22-27 partially supports which means it does not support some of the features like flex-wrap and flex-flow

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CSS Flexible Box Layout Module CR

Method of positioning elements in horizontal or vertical stacks. Support includes all properties prefixed with `flex`, as well as `display: flex`, `display: inline-flex`, `align-content`, `align-items`, `align-self`, `justify-content` and `order`.

Current aligned

Usage relative

Date relative

Filtered

All

⚙

Chrome

Edge

Safari

Firefox

Firefox 22 - 27

Opera Mini

Opera Mobile

UC Browser for Android

Android Browser

Firefox for Android

QQ Browser

Baidu Browser

KalOS Browser

Support info

Browser versions

~ Partial support

Released May 14, 2013 - Feb 4, 2014

Total usage

Global: 0.04%

Test on Firefox 22 - 27

Notes

Does not support flex-wrap, flex-flow or align-content properties

4 - 20

21 - 28

29 - 112

113

114 - 116

3.1 - 6

6.1 - 8

9 - 16.4

16.5

16.6 - TP

2 - 21

22 - 27

28 - 112

113

114 - 115

12

12.1

73

13.4

113

113

13.1

13.18

3.1

2.1 - 4.3

4.4 - 4.4.4

Notes

Test on a real browser

Sub-features

Known issues (9)

Resources (12)

Feedback

Most partial support refers to supporting an [older version](#) of the specification or an [older syntax](#).

1

Only supports the [old flexbox](#) specification and does not support wrapping.

2

Only supports the [2012 syntax](#)

3

Does not support flex-wrap, flex-flow or align-content properties

4

Partial support is due to large amount of bugs present (see known issues)

Usage

% of all users

Global

98.9%

+ 0.86%

=

99.76%

unprefixed:

98.78%

+ 0.41%

=

99.19%