

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 all terms representing different editions of the ECMA-262 standard. Each of them feature changes and improvements to the ECMAScript specification.

ES2015 is the same as ES6, but named after the year of its release.

2. What are JScript, ActionScript and ECMAScript - and how do they relate to JavaScript?

- Jscript is a scripting language that was a variant of JavaScript developed by Microsoft to use within their browser called Internet Explorer.
 - ActionScript is a scripting language that was based on an early draft of ECMAScript 4 and developed by Macromedia(later Adobe Systems) that was primarily used for creating interactive content and applications in Adobe Flash. ActionScript is influenced by the JavaScript language and shares some similarities.
 - ECMAScript is a standardized scripting language specification that defines the features and syntax that a scripting language should follow. JavaScript is an implementation of ECMAScript.
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3. What is an example of a JavaScript specification - and where can you find it?

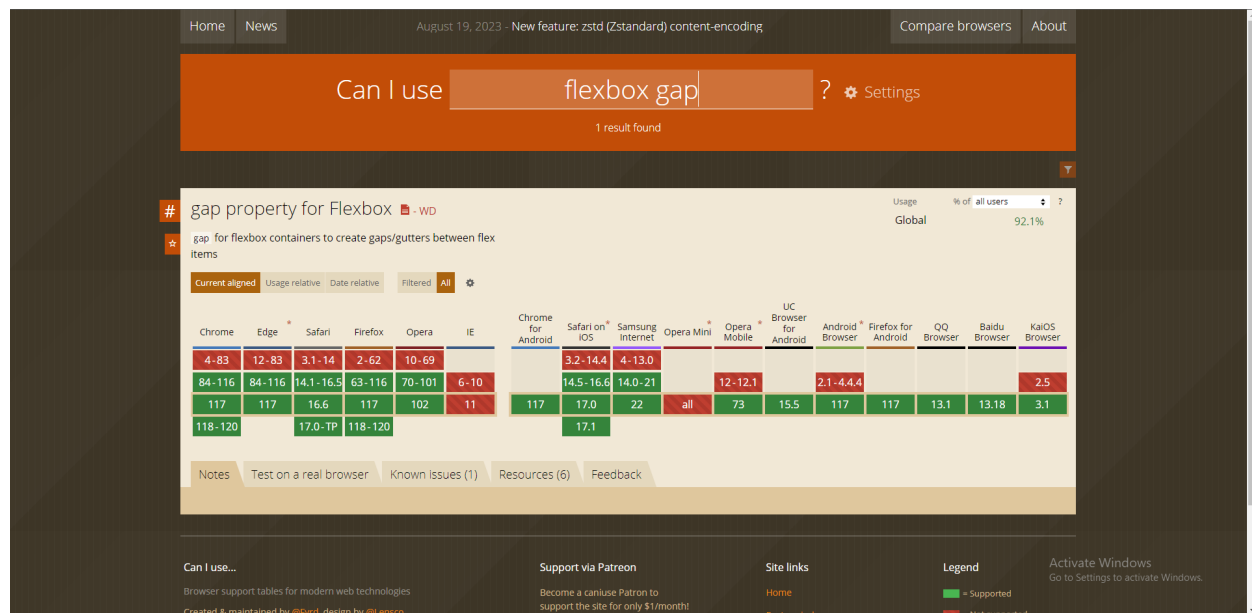
ECMAScript is a standardized specification that the JavaScript language is based on. It can be found on the website of the ECMA International organization.

4. What are v8, SpiderMonkey, Chakra and Tamarin? Do they run JavaScript differently? They are all JavaScript compilers that are responsible for executing JavaScript in different web browsers or environments.

- V8 is a JavaScript Engine that was developed by Google for their Chrome Web Browser. Also used in Node.js
- SpiderMonkey is the JavaScript engine that was developed by Mozilla for their Firefox web browser
- Chakra is the JavaScript engine that was developed by Microsoft for their Edge web browser
- Tamarin was a JavaScript engine developed by Adobe Systems for their Mozilla Foundation. It was used to execute ActionScript.

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

Checking browser compatibility for the flexbox gap css property using caniuse:



Checking browser compatibility for the flexbox gap css property using MDN browser compatibility table:

mdn web docs

ReferencesGuidesPlusBlogPlayAI Help

Theme

Log in

Sign up for free

References > CSS > gap

English (US)

Filter

flex-*

float

font-*

forced-color-adjust

gap

grid-*

hanging-punctuation

height

hyphenate-character

hyphenate-limit-chars

hyphens

image-*

initial-letter

initial-letter-align

inline-size

inset-*

isolation

justify-*

left

Browser compatibility

[Report problems with this compatibility data on GitHub](#)

	Chrome	Edge	Firefox	Opera	Safari	Chrome Android	Firefox for Android	Opera Android	Safari on iOS	Samsung Internet	WebView Android
gap	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Supported in Flex Layout	57	16	52	44	10.1	57	52	43	10.3	7.0	57
Supported in Flex Layout	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Supported in Grid Layout	84	84	63	70	14.1	84	63	60	14.5	14.0	84
Supported in Grid Layout	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
calc() values	66	16	61	53	12	66	61	47	12	9.0	66
calc() values	...	...	...	...	...	...	...	...	...	...	...
calc() values	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
percentage values	66	16	52	53	11	66	52	47	11	9.0	66
Supported in Multi-column Layout	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Supported in Multi-column Layout	66	16	61	53	14.1	66	61	47	14.5	9.0	66

In this article

Try it

Constituent properties

Syntax

Formal definition

Formal syntax

Examples

Specifications

Browser compatibility

See also

Activate Windows
Go to Settings to activate Windows.