

DWA_02.8 Knowledge Check_DWA2

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

They all refer to different iterations or versions of Javascript , each with their own respective specification (there's a huge overlap since not much has changed in Javascript since ES5, but there can be different specifications on the same feature for example)

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

JScript: A Microsoft scripting language that came about from reverse engineering Javascript because JavaScript was an exclusive proprietary scripting language at the time.

ActionScript: A well-known Javascript knock-off created by Macromedia

ECMAScript: A single standardized scripting language that consolidates/unifies what was formerly known as Javascript and JScript.

3. What is an example of a JavaScript specification - and where can you find it?

“The ECMAScript language implicitly performs automatic type conversion as needed. To clarify the semantics of certain constructs it is useful to define a set of conversion [abstract operations](#). The conversion [abstract operations](#) are polymorphic; they can accept a value of any [ECMAScript language type](#). But no other specification types are used with these operations.

The BigInt type has no implicit conversions in the ECMAScript language; programmers must call BigInt explicitly to convert values from other types.”

This specification can be found on the ECMA website: [ECMAScript® 2021 Language Specification \(ecma-international.org\)](https://ecma-international.org/ecma-262/11.0/)

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

JavaScript compilers.

Yes, there can be differences in how JavaScript compilers (or JavaScript engines) run JavaScript code. Each compiler may have its own unique optimizations and execution strategies, which can result in variations in performance and behavior.

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

HomeNews

May 1, 2023 - New feature: CSS Relative colors

Compare browsersAbout

Can I use

parseInt

?

Settings

#JavaScript built-in: parseInt

Usage

% of all users

Global97.59%

Current alignedUsage relativeDate relativeFilteredAll

Chrome	Edge	Safari	Firefox	Opera	IE	Chrome for Android	Safari on iOS	Samsung Internet	Opera Mini	Opera Mobile	UC Browser for Android	Android Browser	Firefox for Android	QQ Browser	Baidu Browser	KaiOS Browser
4-112	12-112	3.1-16.4	2-112	10-97	6-10		3.2-16.4	4-19.0		12-12.1		2.1-4.3	4.4-4.4.4			2.5
113	113	16.5	113	98	11	113	16.5	20	all	73	13.4	113	113	13.1	13.18	3.1
114-116		16.6-TP	114-115													

NotesTest on a real browserSub-featuresFeedback

This support data comes from the MDN browser-compat-data repository.
For corrections/updates, see the browser-compat-data [Contributing docs](#) and the [support data for this feature](#).

Fetch API

Fetch

Related pages for Fetch API

HeadersRequestResponse

fetch()

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	Deno	Node.js
fetch	✓42	✓14	✓39	✓29	✓10.1	✓42	✓39	✓29	✓10.3	✓4.0	✓42	✓1.0	✓18.0.0
Authorization header removed from cross-origin redirects	✗No	✗No	✓111	✗No	✓16.1	✗No	✓111	✗No	✓16.1	✗No	✗No	✗No	✓?
Support for blob: and data:	✓48	✓79	✓39	✓35	✓10.1	✓48	✓39	✓35	✓10.3	✓5.0	✓43	✓1.9	✓?
init,keepalive parameter	✓66	✓15	✗No	✓53	✓13	✓66	✗No	✓47	✓13	✓9.0	✓66	✗No	✓?

In this article

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See also

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fetch()

init,keepalive parameter	✓66	✓15	✗No	✓53	✓13	✓66	✗No	✓47	✓13	✓9.0	✓66	✗No	✓?
init,priority parameter	✓101	✓101	✗No	✓87	✗No	✓101	✗No	✓70	✗No	✓19.0	✓101	✗No	✓?
init,referrerPolicy parameter	✓52	✓79	✓52	✓39	✓11.1	✓52	✓52	✓41	✗No	✓6.0	✓52	✗No	✓?
init,signal parameter	✓66	✓16	✓57	✓53	✓11.1	✓66	✓57	✓47	✓11.3	✓9.0	✓66	✓1.11	✓18.0.0
Available in workers	✓42	✓14	✓39	✓29	✓10.1	✓42	✓39	✓29	✓10.3	✓4.0	✓42	✓Yes	✓?

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