

DWA_02.8 Knowledge Check_DWA2

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

- ES5: ECMAScript 5
- ES6: ECMAScript 6
- ES2015: ECMAScript 2015

ES5, ES6 and ES2015 are all versions of the ECMAScript language specification. ES2015 is just another name for ES6. ES5 was released in 2009 and ES6 (ES2015) was released in 2015.

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

JScript, ActionScript, and ECMAScript are all scripting languages that are related to JavaScript.

- JScript was developed by Microsoft
 - ActionScript was developed by Macromedia
 - ECMAScript is a standardised scripting language specification
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3. What is an example of a JavaScript specification - and where can you find it?


An example of a JavaScript specification is the ECMAScript specification. You can find the ECMAScript specification at the official Ecma International website.

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

They are all JavaScript compilers. While they serve the same purpose of running JavaScript, they have different design philosophies and implementation approaches, which can lead to variations in performance and behavior.


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

Arrow functions  - OTHER

Usage % of all users  ?

Global 96.96%




Function shorthand using `=>` syntax and lexical `this` binding.

Current aligned Usage relative Date relative Filtered All 

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	B
4-44		3.1-9.1	2-21	10-31			3.2-9.3	4							
45-112	12-112	10-16.4	22-112	32-97	6-10		10-16.4	5-19.0		12-12.1		2.1-4.4.4			
113	113	16.5	113	98	11	113	16.5	20	all	73	13.4	113	113	13.1	
114-116		16.6-TP	114-115												

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
Arrow functions	✓ 45	✓ 12	✓ 22 *	✓ 32	✓ 10	✓ 45	✓ 22 *	✓ 32	✓ 10	✓ 5.0	✓ 45	✓ 1.0	✓ 4.0.0 ...
Trailing comma in parameters	✓ 58	✓ 12	✓ 52	✓ 45	✓ 10	✓ 58	✓ 52	✓ 43	✓ 10	✓ 7.0	✓ 58	✓ 1.0	✓ 8.0.0