DWA_02.8 Knowledge Check_DWA2

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

   ES5 and ES6 refer to the 5th and 6th editions of the ECMAScript specification, and ES2015 is the new name for ES6. Ecma decided to name new editions of ECMAScript based on the year they are released.

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2. What are JScript, ActionScript and ECMAScript - and how do they relate to JavaScript?
   - Microsoft reverse-engineered JavaScript to create their own scripting language called JScript.
   - Macromedia reverse-engineered JavaScript to create their own scripting language called ActionScript.
   - ECMAScript is a language specification which JavaScript adheres to. JavaScript is an example of an ECMAScript implementation.

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

ECMAScript is a JavaScript specification. It can be found on the Ecma website. You can also follow the development of the language by tc39 in real time on GitHub. **https://github.com/tc39**
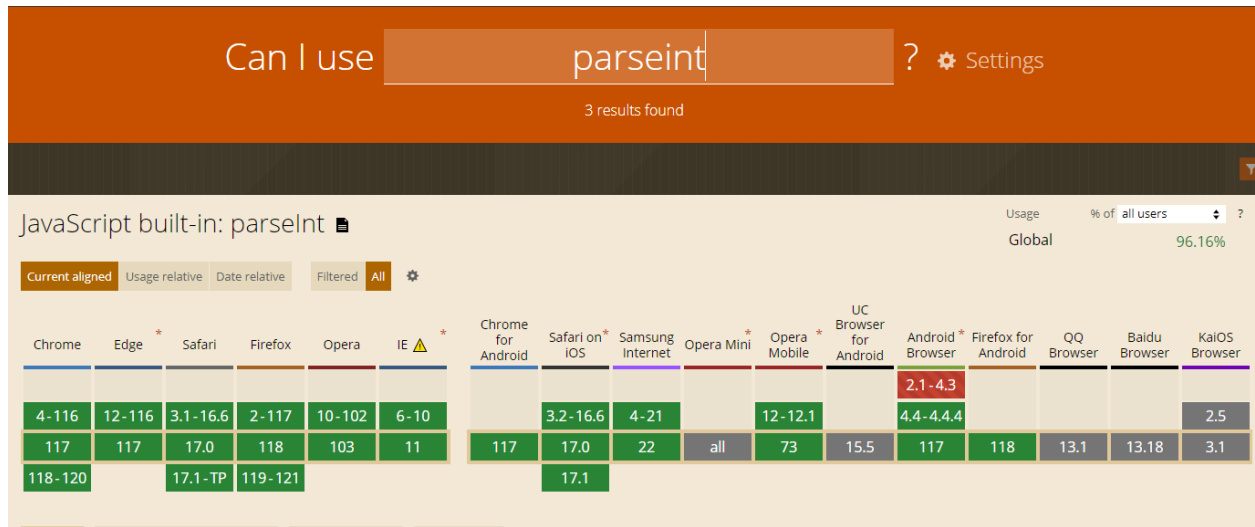
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4. What are v8, SpiderMonkey, Chakra and Tamarin? Do they run JavaScript differently?

They are JavaScript engines each maintained by a different team. They run JavaScript similarly but have differences in performance/how quickly the code is run, and for which browser each engine is compatible with. Eg. v8 for Google Chrome; SpiderMonkey for Mozilla Firefox, etc.

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

Can I use | parseint | ? ⚙ Settings

3 results found

JavaScript built-in: parseInt 📄

| Usage | % of | all users | ? |
| Global | | 96.16% |

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	Baidu Browser	KaiOS Browser
												2.1-4.3				
4-116	12-116	3.1-16.6	2-117	10-102	6-10		3.2-16.6	4-21		12-12.1		4.4-4.4.4				2.5
117	117	17.0	118	103	11	117	17.0	22	all	73	15.5	117	118	13.1	13.18	3.1
118-120		17.1-TP	119-121				17.1									

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
parseInt	✓ 1	✓ 12	✓ 1	✓ 3	✓ 1	✓ 18	✓ 4	✓ 10.1	✓ 1	✓ 1.0	✓ 4.4	✓ 1.0	✓ 0.10.0
Parses leading-zero strings as decimal, not octal	✓ 23	✓ 12	✓ 21	✓ 15	✓ 6	✓ 25	✓ 21	✓ 14	✓ 6	✓ 1.5	✓ 4.4	✓ 1.0	✓ 0.10.0