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, ES6 and ES2015 are all editions of ECMAScript(ES). ES6 and ES2015 are actually the same edition, it was released when ECMAScript made the decision to move to annual updates and the name convention was changed to reflect the year of it's release. ES5 was released in 1999 and JavaScript remained unchanged until 2015.

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

JScript, ActionScript and ECMAScript are all scripting languages. ECMAScript is a standardised scripting language specification which serves as a foundation for scripting languages like JScript and ActionScript. JScript is a Microsoft-specific implementation of ECMAScript, while ActionScript is a language based on ECMAScript that was primarily used for Adobe Flash. JavaScript is the most widely adopted implementation of ECMAScript standards.

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

These specifications are found in the ECMAScript guide which is maintained by TC39 and you can follow their additions on GitHub. An example given here is a rule under data types:

The Null type has exactly one value, called **null**.

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

They are all compilation engines which implement just-in-time compiling (JIT). They all have different ways of running Javascript and are implemented based on the web browser being used and which compiler is supported.

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5. Show a practical example using **caniuse.com** and the MDN compatibility table.
This table shows the compatibility of JAVASCRIPT Across different browsers.

Chrome	Edge *	Safari	Firefox	Opera	IE
			2-65		
4-62	12-18	3.1-11	[1] 66	10-49	
63-112	79-112	11.1-16.4	67-112	50-97	6-10
113	113	16.5	113	98	11
114-116		16.6-TP	114-115		

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