

DWA_02.8 Knowledge Check_DWA2

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

ECMAScript 5 (2009), ECMAScript 6(2015), and ES6 is also referred to as ES2015. They each brought different new features to JavaScript. ES5 brought new methods and ES6 brought const, let variables, arrow functions, template strings, class destruction, and modules.

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

JScript was created by Microsoft to be a competitor to ECMAScript which is basically the correct name for the term we use which is JavaScript. ActionScript is known for being a JavaScript knockoff, created by Macromedia.

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

ECMAScript Language Specification and one specification is called ECMAScript 6 (ES6). You can find it on the official website Ecma International organization

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

They are the most well-known JavaScript compilers. Yes, they run differently because they are created by different companies. V8(Google), SpiderMonkey(Mozilla), Chakra(Microsoft), and Tamarin(Adobe) For example, there are differences in performance and memory management.

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

For example, you want to be able to filter an array. So you will check on mdn what method to use to complete the task. You will stumble across the filter method and check at the bottom of the page to check if it has good browser compatibility before using the feature. To see more info on compatibility you can take the feature and search on can I use to find more info about the different browsers that can use it.
