

DWA_02.8 Knowledge Check_DWA2

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

ES5-ECMAScript 5 refers to a different version of ECMAScript, this version introduced strict mode for more strict error checking,,JSON support and minor javascript changes.

ES6-ECMAScript 2015 AKA ES2015 in this version we got the “let” and “const” variables, “import” and “export”, =>, template literals for multi line strings etc.

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

JScript was developed by Microsoft, it was Microsoft's implementation of ECMAScript standard the same used for Javascript.

ActionScript was developed by Adobe and it was created for interactive content, applications and animations. ActionScript and JavaScript both have the same foundation of ECMAScript.

ECMAScript is the standard for scripting languages, ECMAScript is the blueprint for the creation of a scripting language.

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

Ecma International - ECMAScript Specifications

This can be accessed on their websites

<https://www.ecma-international.org/publications-and-standards/standards/ecma-262/>

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

These are all engines that execute Javascript code, these engines are used in different browsers and may execute javascript code differently

V8: Is an engine developed by Google and is used in Google Chrome

Spidermonkey: The original engine developed by Mozilla for the Firefox browser.

CHakra: Developed by Microsoft

Tamarin: Developed by ADobe Systems

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