

DWA_02.8 Knowledge Check_DWA2

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

ES5, ES6 & ES2015 are different versions of ECMAScripts created before the improved JavaScript. ES5 being the 5th version & ES6 & ES2015 being the same as the 6th version.

The difference were:

- **ES6 was more advanced and included more features**
 - **ES5 released 2009, ES6/ES2015 released in 2015**
 - **unlike ES5, ES6 had the additional let & const keywords, not just var**
 - **less communities support ES6 than ES5**
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2. What are JScript, ActionScript and ECMAScript - and how do they relate to JavaScript?

- **JScript is a version of JavaScript that was created by Microsoft and used in the company's Internet Explorer, it was named differently as the company didn't want conflict with copyrighting since JavaScript is owned by Oracle.**
 - **ActionScript is also another JavaScript created by Macromedia, its language focuses on object-oriented programming(OOP) which is more on objects rather than functions and logic.**
 - **ECMAScript is the blueprint for how JavaScript should function which ensures the web pages are able to exchange and process information across different browsers**
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3. What is an example of a JavaScript specification - and where can you find it?

An example would be how comments work in JavaScript, should you use the characters (`"/"`), anything after that is not to be compiled and is to be treated as a comment.

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

They are all examples of JavaScript compilers.

- V8 created by Google
- SpiderMonkey created by Mozilla
- Chakra created by Microsoft
- Tamarin created by Adobe & Mozilla

They all run JavaScript in different ways

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

