

DWA_02.8 Knowledge Check_DWA2

: Introduces a way to opt into a restricted variant of JavaScript, thereby catching more errors and improving performance.

Introduces a class syntax for more straightforward and clearer class definitions.

Due to a decision to adopt an annual release cycle, the 6th edition of ECMAScript was also referred to as ES2015. From this point onwards, new versions are typically named by their release year.

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

- JavaScript is an implementation of the ECMAScript standard and includes additional features for web development.
- JScript is Microsoft's implementation of ECMAScript with some proprietary extensions.
- ActionScript is an implementation of ECMAScript tailored for the Adobe Flash platform, with features designed for multimedia applications.
- ECMAScript is the core standard that defines the specifications for languages like JavaScript, JScript, and ActionScript.

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

An example of a JavaScript specification is the ECMAScript Language Specification. ECMAScript (often abbreviated as ES) is the standard upon which JavaScript is based. It

is maintained by the Ecma International standards organization through a technical committee known as TC39.

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

V8, SpiderMonkey, Chakra, and Tamarin are all JavaScript engines, which are programs designed to execute JavaScript code. They are developed by different organizations and used in various web browsers or other applications.

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

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