

DWA_02.8 Knowledge Check_DWA2

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

ES6 is a major enhancement in the JavaScript language that allows us to write programs for complex applications.

ES5 is a shortcut for ECMAScript 5. ECMAScript 5 is also known as JavaScript 5. ECMAScript 5 is also known as ECMAScript 2009.

ES2015- Is a fantastic step forward for javascript language it brings new features and sugaring for patterns that required significant boilerplate in ES5

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

JScript-is microsoft's legacy dialect of the ECMAScript standard that is used in microsoft's internet explorer 11 and older

ActionScript-is an object oriented scripting and programming language designed to provide rich interactive abilities to the adobe flash

ECMAScript-provides the rules,details,and guidelines that a scripting language must observe to be considered ECMAScript compliant.

JavaScript is the most popular implementation of the ECMAScript Standard.

ActionScript and JScript are other languages that implement ECMAScript . The core features of Javascript are based on the ECMAScript standard, but Javascript also has other additional features that are not in the ECMA specifications/standard.

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

It can be found on the ECMA Script website

4. What are v8, SpiderMonkey, Chakra and Tamarin? Do they run JavaScript differently?
V8-Is a google open source high performance JavaScript and webassembly engine.
SpiderMonkey-is mozilla's javascript and webassembly engine.
Chakra-is a free and open source JavaScript engine developed by microsoft for its microsoft edge legacy web browser.
Tamarin-is a discontinued free software virtual machine with just in time compilation.
Yes they run differently.

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


JavaScript built-in: Intl: RelativeTimeFormat

Current aligned	Usage relative	Date relative	Apply filters	Show all	?	
IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *
		2-64	4-70		10-57	
6-10	12-17	65-67	71-74	3.1-12	58-60	3.2-12.1
11	18	68	75	12.1	62	12.3
	76	69-70	76-78	13-TP		13

Notes Sub-features (5) Feedback

See full reference on [MDN Web Docs](#).

Support data for this feature provided by:

 MDN browser-compat-data