

DWA_02.8 Knowledge Check_DWA2

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

ES5 stands for ECMAScript 5 which is the 5th edition of ECMAScript similarly for ES6 and ES2015 is the informal name of ES6.

ES5 was introduced in 2009 and ES6 in 2015.

ES5 supports primitive data types and so does ES6 but has symbol data type.

ES5 requires both function and return keywords and ES6 doesn't and supports arrow functions

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

JScript - was a reverse engineered javascript developed by Microsoft for internet explorer

ActionScript - is a clone of JavaScript created by Macromedia

ECMAScript - is a combined standard language made of JScript and JavaScript

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

A JavaScript specification is an edition of JavaScript released by ECMA and can be found on the tc39 website

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

v8, SpiderMonkey, Chakra and Tamarin are different JavaScript compilers and they are maintained by different teams so they don't run JavaScript the same.

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

JavaScript built-in: Array: filter

Usage: Global 97.18%

Filters: Current aligned, Usage relative, Date relative, Filtered, All

Chrome	Edge	Safari	Firefox	Opera	Chrome for Android	Safari on iOS	Samsung Internet	Opera Mini	UC Browser for Android
						15.6			
						16.0			
						16.1			
						16.2			
						16.3			
						16.4			
109		15.6							
111	111	16.3	111						
112	112	16.4	112	97					
113	113	16.5	113	98	113	16.5	20	all	13.4
114		16.6	114						
115		TP	115						
116									

Notes | Test on a real browser | Feedback

This support data comes from the MDN browser-compat-data repository.
For corrections/updates, see the browser-compat-data [Contributing docs](#) and the [support data for this feature](#).

Here I was searching the compatibility of array.prototype.filter to other browsers.