

DWA_02.8 Knowledge

Check_DWA2

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

ES stands for ECMA Script. It is a set of rules that web based compilers (like spidermonkey and V8) should adhere to.

ES5 was the fourth version of ECMA Script. It introduced some functions like JSON support and various array functions like the `forEach` method and so forth.

ES6 and ES2015 are two names for the same thing. This was one of the biggest updates for ECMA Script. The change to ES2015 is due to the TC39 organization wanting to make annual updates to ES.

ES2015 was a huge update for JS, it added `let` and `const` variables, arrow functions, destructuring and other extremely useful features.

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

JScript was Microsoft's Internet Explorers version of JavaScript.

ActionScript was produced by Macromedia, it later was bought by Adobe and became Adobe Flash. It also followed the ECMA standard.

ECMA script is what we consider to be modern JavaScript.

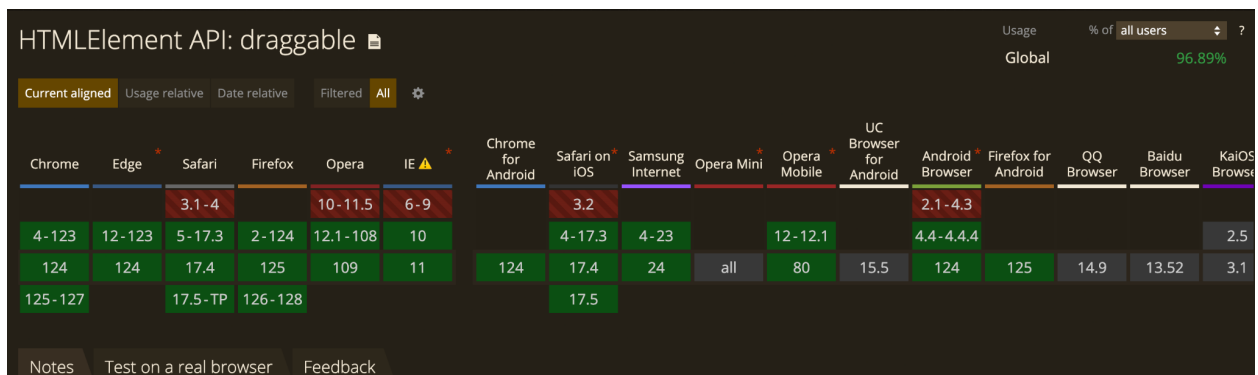
3. What is an example of a JavaScript specification - and where can you find it?

The specification is a collection of documents describing how JavaScript and its variants should work. ECMA-262. It can be found here <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 code compilers. They are maintained by different teams. They might have some slightly different functionality and performance improvements. But they all follow the ES standard

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



This shows which browsers support draggable. We can see on very old versions of opera,safari and Internet Explorer this function won't work. But those are from pre 2010. It is still worth noting that some users that haven't updated their browsers in 15 years might not be able to use this feature.
