

Notes from August 16-17 meeting with Doug Crockford and Allen Wirfs-Brock

Item	type	Pratap V2 doc item	Proposed resolution	notes
line terminator in string literals	IE deviation	2.3	change spec	All impls currently follow JScript
Trailing comma in array literal	ambiguous spec	2.7	change spec, trailing comma ignored	JScript is odd ball, need to verify that change is acceptable
bindings of function name in function expressions used as function statements	inconsistent extensions/non-conforming implementations	2.8 2.10	clarify spec., make binding of function name "impl dependent"	
are global functions properties of global object	IE impl error	2.6	change spec to be impl dependent	
catch clause context spec.	ES3 spec error	2.9	fix spec	to mach IE and firefox
Date parsing	underspecified	3.1	chnge spec using IE impl+ISO from ES4	ISO is a new extension; leave Date.parse alone. Add new parseISO and toISO string methods
Property enumeration order	inconsistent impls	3.11	change spec	revise spec. to define order for local properties; order for inherited properties remains undefined
Joined objects	unnecessary spec.	3.12	delete from spec	remove from spec; nobody impls; questionable semantics; lots of complexity
Enumerating shadow properties	IE deviation	3.16	no change	What IE does is interesting but violates the spec. Should probably fix IE. User settable dontEnum will help
octal parse int	impl defined	3.15		spec. should be tighten-up to get rid of the weird octal option, and simply say that the result is undefined in this special case. Should check what ES4 proposes for this situation.

Item	type	Pratap V2 doc item	Proposed resolution notes
function prototype to string impl defined		3.17	change from "implementation dependent" to "implementation defined"
Date constructor accepting object literal			new feature if single arguemnt to date constructor is an object with year, month, etc. properties, use those properties to initalize the new date object. For example, new Date({year:2007, month:8})
unreachable code			add clarification in return, etc. Doug, do you remember the details of what we discussed???
void operator			deprecate
function name property			add ala Mozilla
add function argumentNames property			new feature
add array/string generics extensions			add ala Mozilla
add reduce/reduceRight to array extras			add ala Mozilla
every place the spec says an error occurs should back relate to some specific exception type			change spec scan spec to identify and fix
need to clarify or unify "native object" and "built-in object"			
Object.prototype.valueOf			deprecate
sort			deprecate, new feature deprecate existing sort, define new sort function that produces a copy and takes a boolean function as the sort function, < is default. Consider also a form with a separate key array

Item	type	Pratap V2 doc item	Proposed resolution notes
Date methods		change spec.	all specifications need to be clarified to make the argument ranges explicit
Bring back String.substr	Appendix B	undeprecate	
Bring back Date.getYear()	Appendix B	undeprecate	with correct Y2K definition