

EcmaScript edition 4 - Check list

#	Description	Status (P,F,C)	Owner	Refs	Notes
	1 Edition 3 Syntax and Semantics			3,4	
1	data model		fc		prototype
1	expressions		fc		prototype
1	statements		fc		prototype
1	definitions		fc		prototype
1	native objects		fc		prototype
	2 Packages & Namespaces			1,2	
1	package definitions		jd		
	aliased		jd		
1	import directives		jd		
1	namespace definitions		jd		
	namespaces are forgable		jd		
1	use namespace directives		jd		
	3 Classes & Interfaces		ry	1,2	send raw specs
	member definitions		ry		
	attributes		ry		
	nested classes		ry		
	inheritance		ry		
	instantiation		ry		
	method closures		ry		
	class object model		ry		
	interfaces		ry		
	override matching		ry		
	inheritance		ry		
	4 Expressions & Statements			1,2,3,4,5	
	qualified references				
	is		jd		
	as		jd		
1	filter operator		jd		general language
	scope disambiguation		ry		
	descendants		jd		
	super				
1	for-each-in				
	try/catch/finally				
	multiple catch clauses		ry		
	include		jd		
	generator		be		

	meta data attributes	jd	
	attributes	jd	what does x.@foo do?
	attribute blocks		
	boolean attributes		
	wildcard identifiers	jd	
	enums		
1	block scoping	wh	
	units		
	5 Variables & Functions		1,2,3,4
	const	jd	comp time or write once
	var		
	type annotations		
	rest parameters	jd	
	optional parameters	jd	
	accessors	ry	
	6 Native types		1,3
1	int, uint, float, etc	es	
	decimal		
	unboxed primitives (e.g. String)	es	
	not null type		
	typed arrays		
	7 Object model		
	delegation mechanism		
1	regexp extensions	be	
	xml schemas	wv	
	8 Internationalization	wv	
	unicode 4		
	library support		
	9 General		
	strict mode		

Design References

- 1 EcmaScript Netscape Proposal
- 2 EcmaScript edition 4 working draft
- 3 Ecma-262 EcmaScript edition 3
- 4 Ecma-327 EcmaScript Compact Profile

URL

- <http://www.mozilla.org/js/language/es4/index.html>
<http://www.mozilla.org/js/language/Edition4.pdf>

- 5 Ecma-357 E4X
- 6 Ecma-357 ISO Disposition of comments
- 7 W3C XML 1.1 Recommendation
- 8 W3C XML Infoset Recommendation
- 9 Unicode 4.0 Specification

Status

- P** Proposal
- F** Functional agreed
- C** Content agreed

Owners

- be** Brendan Eich
- jd** Jeff Dyer
- es** Edwin Smith
- fc** Francis Cheng
- wh** Waldemar Horwat
- wv** Wayne Vickner