

**Minutes of the:
held in:
on:**

**Ecma TC39, ES3.1WG
Phone conference
12 June 2008**

1 Roll call and logistics

1.1 Participants

Doug Crockford (Yahoo!), Pratap Lakshman (Microsoft), Adam Peller (IBM), Sam Ruby (IBM), Kris Zyp (The Dojo Foundation) and Allen Wirfs-Brock (Microsoft).

2 Agenda

(Not circulated ahead of the meeting)

3 Minutes

JSON Notation changes

Need to change the JSON notation to conform with the rest of the ES3.1 - can use the enhanced notation called out in section 5.2.

Decimal

Will use the same convention as used by JSON - tried out a brief edit in the latest draft of the spec (just to get familiar with Word) - pratapL to integrate and send it back to Sam.

Getters/Setters surface syntax

Don't anticipate too many changes from the proposal circulated earlier - need to update to use the new statics on Object - need to update and circulate the proposal.

Object statics

Need to specify the statics on object - will get it this week.

Unicode

Unicode versions are backwards compat - Java, C#, WinXP, Win2K3 support Unicode 4.0, and Vista supports 5.0 - may not be a problem to say support version 'x' as of when the language was designed - lets ask MarkM if we can get help from the Google representative on Unicode issues - also, send email on the discuss lists asking for volunteers.

Static Generics on Array

Allow a shorter form for calling Array generics - useful for Array-like elements; for e.g. calling Array methods on Array-like DOM elements like NodeList - but the number of cases where we can avoid the longer form of calling the generics is not large enough to justify inclusion in the language - ok, lets send email on the discuss list about this.

Feedback on 11 June draft

Lars has sent some comments last night - not all in today's meeting have seen it yet though - some incompatibilities between ES3.1 and ES4 have been pointed out - should we get rid of enhanced notation ? - no, the notation extensions are required for some of the more complex algorithms; lets keep them - in that case should we change all of the notation to conform to these extensions ? - no ! I would like to retain as much of the original spec as possible - as an implementer we have references to specific section in the spec, and to specific line numbers

for some algorithms and I would prefer if that does not get invalidated - also, that the Es3.1 strict mode was not aligned with the proposed-ES4 strict mode - need to understand that more; any ES3.1 program should be a valid proposed-ES4 program too -

pratapL has put up a list of TBDs on the wiki; lets put some names against each item:

Update Array generics to be as implemented by Mozilla - pratapL

Add support for reduce and reduceRight (from JS 1.8) - pratapL

Introduce support for "abc"[i] (3 out of 4 browsers support this notation to index into a string) - pratapL

Update the Date section to be compatible with proposed-ES4 - pratapL

JSON - Doug

Decimal - Sam

Getters/Setters (introducing syntactic sections that add them to object literals) - Kris

... and specify related static methods on Object - Allenwb

Unicode related updates - no owner (ask Mark, and on the list)

Modify the internal property "Put" on Arrays to account for strict mode - pratapL

Update notation used (as appropriate) - Allenwb + everyone whose hasn't used it

Cleanup and update Appendixes and Annexes - pratapL

Ensure Review based on the Deviations doc - Adam

Can we get updates on JSON, Getters/Setters, and the Object methods by coming Tuesday ? - lets aim for it.

Meeting adjourned.