Minutes of the: Ecma TC39-TG1

held in: Phone conference

on: 30 October 2007

Attendees

- Douglas Crockford, Yahoo!
- Cormac Flanagan, UCSC
- Brendan Eich, Mozilla
- Waldemar Horwat, Google
- Jeff Dyer, Adobe
- Lars T Hansen, Adobe
- Chris Pine, Opera
- Geoff Garen, Apple
- Pascal Perez, Google
- Maciej Stachowiak, Apple
- Pratap Lakshman, Microsoft

Agenda

- Introductions
  - Apple: Maciej Stachowiak, Geoff Garen
  - Google: Waldemar Horwat, Pascal-Louis Perez
  - Recapitulation of ES4 workflow and process
- Administrivia
  - Reminder: Next f2f on Nov 8 and 9 in San Francisco, at Adobe, 12-5PM both days, hosted dinner Nov 8
- Spec tickets that need clarification – previously discussed in a phone meeting, let's try to close them
  - #112: The semantics of const
  - #226: How does “eval” handle versions?
  - #234: The nature of byte
- Spec tickets that need clarification – not previously discussed
  - #233: Are DontDelete properties fixtures and vice versa, or not?
  - #241: Relaxed in semantics
  - #250: typeof null – propose undoing this bugfix
  - #251: typeof Callable – when does typeof return function?
  - #252: detail of syntax in with / switch type
  - #253/#240: the precise nature of let scoping

Minutes

- Introductions
  - BE: Pleased to be joined by representatives of Apple and Google
  - BE: Recap of how we work
- #112 (const)
LH: I have added a long comment outlining what I think are problems with the current thinking.
WH: I don't think this is the right solution.
BE: WH should add comments to the ticket.
Discuss at f2f

- #226 (eval versioning)
  - LH: Here's the proposal...
  - WH: Keyword set or general syntax?
  - LH: Keyword set only, we should specify this. eg string could use destructuring assignment and that would be OK, no sense in having two parsers
  - WH: Implications are unclear to me
  - Discuss at f2f

- #234 (byte data type)
  - BE: For newcomers: we used to have ByteArray but it didn't have much functionality. Now we have Vector.<T>, so we added byte to give it an element type to chew on, and we removed ByteArray.
  - JD: What's the controversy?
  - Cormac adds to the trac
  - Discuss at f2f

- #250 (typeof null)
  - BE: some code does in fact assume that typeof x ⇒ “object” means x has properties
  - BE: probably not worth it
  - JD: told you so 😞
  - We will not change “typeof null” from ES3 – it will still report “object”

- #251 (typeof <something callable>)
  - BE: FF tried to say “function” for “anything callable”
  - BE: Other browsers do other things, and FF got grief
  - MS: We had similar problems in Safari
  - WH: Multiple global objects?
  - BE: typeof works globally, it does not need to worry about that
  - Make it so

- #241 (in operator should not throw on null/undefined)
  - BE: Polishing a turd?
  - We kill it

- Other tickets
  - Carried forward to next week