Minutes of the:

held in:

on:

ECMA TC39-TG1

Phone conference

23rd August 2006

Attendees

- Jeff Dyer, Adobe Systems
- Pratap Lakshman, Microsoft
- Brendan Eich, Mozilla Foundation
- Graydon Hoare, Mozilla Foundation
- Michael O’Brien, mbedthis
- Lars Hansen, Opera Software
- Cormac Flanagan, UC Santa Cruz
- Doug Crockford, Yahoo!

Agenda

- Recent wiki changes
- Followups from past meetings
- Plans for next meetings

Discussion

- Doug to propose triple-quoting, both for multiline strings that can include " and ", and for doc comment meta-data.
- Lars points out that the iterator type is a recursive structural type – Brendan promises fixed and more complete proposal next week.
- Can we drop cast in favor of to? Resolution: no, want both: “is cast to”.
- Cormac raises the conversion to union type question: which type? First in left-to-right order that can convert?
  - Graydon: perhaps require exactly one type in union convert to convert implicitly, otherwise you have to disambiguate.
  - Michael: be explicit always?
  - Graydon: isn’t the use-case one where the converting code does not know it has a union target in hand?
  - Cormac: odd if a function taking double is passed int, then grows to take a union (Boolean, double) and the call breaks.
  - Graydon: then back to pick first in left-to-right order that has conversion.
  - Brendan: why not always require first to have a conversion, for implicit conversion to work?
  - Graydon: so in evolving an interface using a union type, always add at the end.
  - Lars: union (decimal, ...) and you add double – ambiguity if the first type with a conversion rule is used.
  - People want to think about “implicit conversion uses left-most type” rule.
• Conversion to boolean, type_system under “Type Checking”: since all built-in types convert to Boolean, why not have the type system model things that way? Ok.

• Lars: meeting agenda for September face-to-face at Mozilla should be constructed in advance.

• Jeff: make Oct. 1 the deadline for what’s in the spec, so what is “in” should be first agenda item for Sept. meeting.

• Michael to wiki issues/bugs he’s found in grammar.

• Pratap: re-export wiki? Brendan: could be helpful to get more eyes on proposals. Jeff: let’s talk about it next week. Brendan: can we highlight changes from the last export? Graydon: maybe.

• Brendan: let’s follow up on es4-discuss re: nullability by default, no call/cc or coroutines, other dangling threads.

• Lars: proposal walk-through in Oslo left a bunch of items “open” – we need to go through those next week too.