

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

**Ecma TC39-TG1
Phone conference
19th July 2006**

Attendees

- Dan Smith, Adobe Systems
- Jeff Dyer, Adobe Systems
- Pratap Lakshman, Microsoft
- Brendan Eich, Mozilla Foundation
- Dave Herman, Northeastern University
- Lars Hansen, Opera Software
- Cormac Flanagan, UC Santa Cruz

Agenda

- Date literal syntax
- Dave's type conversion proposal
- Continuations
- Nullability

Discussion

Date

- Lars to specify [date literal syntax](#) as sugar for `new Date(...)`.

Type Conversions

- See [runtime types and conversions](#)
- Lars sees untyped code either not mixing, or being converted to nominal types
- Dave: `o1 == o2` means mutations to `o1` affect `o2` and vice versa, so 2, 3, 5, and 6 are ok
- Lars: copying seems like a quick fix for small programs but not useful enough to add
- Brendan: solutions 2-6 seem likelier to win
 - solution 1 breaks abstraction
 - solution 8 costs too much (performance and/or implementation)
- Jeff: revisiting solution 8, does it not add checks to reads as well as writes
- Dave: more, solution 8 requires checking all reads including via differently-typed references
- Cormac: really, same thing: check everywhere, all the time (unless a smart compiler can prove)
 - solution 8 makes strict option more like standard mode
- Jeff: we do that in AS3
- Dave: link-time optimizations can help
- Jeff: solution 8 may break down for functional types (AS3 doesn't do these)
- Jeff: "what would (naive) users expect to happen?"