For Ecma use only



Minutes of the:

held in:

on:

Ecma TC39-TG1
Phone conference
9th of October 2007

## **Attending**

- Waldemar Horwat, Google (invited)
- Jeff Dyer, Adobe Systems
- Cormac Flanagan, UCSC (invited)
- Graydon Hoare, Mozilla Foundation
- Lars Hansen, Adobe Systems
- Dave Herman, Northeastern University
- Brendan Eich, Mozilla Foundation

## **Agenda**

- Schedule
  - Proposal that the November f2f goes over 3 days (7-9 November) with a 5-hour session each day and at least one day dedicated to RI review / hackathon
- · Remaining proposal tickets
  - #171 Should the class for the Math object be exposed?
  - o #220 The "Math" object should be const-bound
  - o #216 Operators for uint arithmetic
  - o #221 Abandon "use numbertype" in its current form
  - o #222 New "use decimal" pragma to control precision and rounding in a more useful manner
  - o #223 Final discussion on names of predefined union types, notably for numbers
  - #224 Expression-level type annotations

## Minutes

- Schedule
  - Thu-Fri 8/9 Nov business meeting, five-hour sessions each day
- Tickets
  - #171: Expose the type of Math?
    - No real cost
    - Security concerns?
    - The implementation will know the type in any case...
    - No real support for this
    - ® Do not expose the type
  - #220: should "Math" be const-bound?
    - General consensus that const-ness is good
    - ® Make it "const"
  - o #216: uint functions
    - WH, GH, LTH: namespace, functions
    - ® Make it so
  - #221: kill "use numbertype"
    - ® We kill it
  - o #222: "use decimal", resurrected

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- R Accepted in part; see ticket for details
- #223: "AnyNumber" etc
  - ® "AnyNumber" etc are in
  - ® "FloatNumber" is in
- #224: Type annotations on expressions?
   Pragmatic issue

  - "cast" does this, more or less strict mode could give it more teeth
  - ® already fixed, more or less