

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

**Ecma TC39-TG1
Phone conference
4th of September 2007**

Attending

- Dave Herman, Northeastern University
- Lars Hansen, Adobe Systems
- Graydon Hoare, Mozilla Corporation
- Francis Cheng, Adobe Systems
- Jeff Dyer, Adobe Systems
- Doug Crockford, Yahoo!
- Cormac Flanagan, UCSC
- Chris Pine, Opera Software

Agenda

- Remaining open proposals, which we would like to close by the end of the September 2007 f2f
 - [Maintenance of ES3](#)
 - [Resurrected eval](#)
 - [Program units](#)
 - [Self type](#)
 - [Generic functions](#)
- Open tickets

Minutes

Meeting schedule:

- Doug: meeting in October?
- Jeff: maybe a good idea to go to a longer cycle and meet in November

Proposals.

Self types:

- Cormac: Refer to the exact type of the object
- Cormac: Utility is for methods on structural objects, where the method can reference the type of the containing object. Useful for clone methods, iterators.
- Jeff: Looks like this fills in a hole where the type would otherwise be * or something specific
- Lars: A little concerned about limitations wrt how they function in (nominal) type hierarchies
- Cormac: If we're using structural object types just as records and nominal types otherwise, we don't need self types much. But what's open now is how we'll use the language.
- Jeff: Use cases? Preferably one that generalizes, since special-case features are often too costly.
- Cormac: I'm not inclined to push it very hard...
- Jeff: I think the proposal needs a compelling use case in order to survive; Brendan's chore.

- See [self type](#) for use cases.

Program units:

- Lars: some TBD's at the bottom, can you perhaps clean that up?
- Graydon: a lot of syntax discussion here...
- Graydon: I need to add some things about loading and dependencies here.
- *Graydon will clean this up*

Maintenance of ES3:

- Doug: Allen, Doug, and Pratap still working. Pratap has been working on document about JScript deviations, they are also working on looking through ES3 to find implementation dependencies and similar
- Jeff: Is there a pending revision of the proposal page?
- Doug: There are pending changes.
- Jeff: By the next f2f?
- Doug: Yes (plan was before previous (cancelled) f2f)
- *Doug, Allen, Pratap to produce update by next f2f*

Other.

Mailing list issue: is `this` allowed in static methods.

- Jeff: public sentiment? It's just a syntactic/semantic issue, no implementation problems.
- Lars: give'm rope.
- Jeff: Java chose not to...

Types:

- Graydon: it's compiling... and it didn't explode semantically.

Math:

- Lars: I ended up inventing some stuff for the math object, see [spec/library.pdf](#) and [builtins/Math.es](#)