

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

**Ecma TC39-TG1  
Phone conference  
12<sup>th</sup> of June 2007**

## Attendees

- Francis Cheng, Adobe Systems
- Jeff Dyer, Adobe Systems
- Brendan Eich, Mozilla Foundation
- Cormac Flanagan, UC Santa Cruz
- Lars T Hansen, Adobe System
- Dave Herman, Northeastern
- Graydon Hoare, Mozilla Foundation
- Pratap Lakshman, Microsoft
- Chris Pine, Opera Software
- Dan Smith, Adobe Systems

## Agenda

- Type system issues
- RI status
- Trac issues
- F2F next week

## Discussion

### Type system issues

- Separating out the type checker from the verifier
  - Agreement that this would be a good thing, will take up at the f2f if not sooner
- Array types
  - Do we need a way to express tuples?
  - No, but a length bound proposal is worth considering
  - Action: put on agenda for the f2f
  - Also: overflow handling alternatives (from es4-discuss)

### RI Update

- M0 milestone achieved last week. Announced on Lambda-the-ultimate.
- Dave: had high quality discussion on lambda. Lots of questions about code coming in. There's one Finnish programmer who is an SML expert who is reading through our code. We're getting a lot of hits. About 2000 hits yesterday and about 40 downloads of the RI. Brendan also posted on Ajaxian and blogged about it.
- Dave: We have buildbot halfway done, but I'm still manually packaging the build. The buildbot is good, but we have a license requirement, though, that buildbot can't handle right now. Another issue

is that it takes hours and hours to run the tests, so if there are a lot of check-ins, we'll have a large backlog.

- Dan: will MLton help with the testing?
- Dave: Could make a huge difference, but we won't know until we try it.

### **Spec update**

- The spec is getting pretty stale
- We need to update it, but how?
- Francis leading way
- at f2f we'll try to identify a "spec interest group"

### **F2F meeting**

- Thursday noon - Friday 5pm
- Hosted dinner Thursday evening
- Add name to list of attendees if attending