

Standardizing Information and Communication Systems

TG1 Convener's Report to TC39

26 March 2003

Officers

Convener: Mr. Peter Torr

E4Editor: Mr. Waldemar Horwat

E4X Editor: Mr. John Schneider

Meetings

The following meetings have occurred since the September 2002 report:

21-22 November 2002 Mountain View, CA, USA, hosted graciously by Netscape

15-16 January 2003 Redmond, WA, USA, hosted graciously by Microsoft

The next upcoming meeting is

27-28 March 2003 Mountain View, CA, USA, hosted graciously by Netscape

Attendees

The meetings were attended by representatives from member companies Netscape, Agile Delta (Representing BEA), RIM, IBM, and Microsoft.

Progress

Both ECMAScript Edition 4 and the ECMAScript for XML efforts continue to move forward, although there is considerable risk around finalizing both standards this year. The committee is currently debating the best course of action to enable completion of one or both of these standards by September.

The committee has been aggressive at cutting features from E4 to meet the September deadline. The algorithms for the core language are mostly complete, with some work remaining in object instance construction and type coercions. The Edition 3 built in objects still need translation into E4 algorithms, but it is expected that this translation will be a straightforward and quick process requiring minimal discussion.

There has been good progress made on the E4X standard, with the initial draft being written in Edition 3 notation. The basic data model and type conversions have been captured in the spec. Most of the algorithms for the read semantics have been discussed and agreed to. The modification semantics need to be discussed, though draft proposals for the algorithms have been prepared.

Mr. Peter Torr will be resigning as convener at the March meeting. The working group will decide on a new convener this coming meeting.

Drafts to be submitted to TC for adoption

None

Recommendations

None

Peter Torr

Convener TG1