

## Standardizing Information and Communication Systems

### TC39 Chairman's Report to the Co-ordinating Committee

2<sup>nd</sup> May 2002

#### Officers

Chairman: Andrew Clinick (Microsoft)

Vice-Chairman: Joel Marcey (Intel)

For reference the most recent chairman's report is contained in ECMA/TC39/01/17

#### Meetings

The following 5 technical meetings of TC39 Task Groups and one TC39 meeting have occurred since the most recent report.

Task Group meetings:

- TG1 October 30<sup>th</sup>, 2001, Redmond, WA, hosted by Microsoft
- TG1 November 27<sup>th</sup>, 2001, Mountain View, CA, hosted by Netscape
- TG3 March 20<sup>th</sup> 2002, Redmond, WA, hosted by Microsoft
- TG1 April 25<sup>th</sup> 2002, Redmond, WA, hosted by Microsoft

TC39 meeting:

- March 21<sup>st</sup> 2002, Redmond, WA (Microsoft)

#### Future meetings

TG1 plans to continue meeting monthly until the ECMAScript Edition 4 Specification is completed.

The use of the technology is an important factor for the determination of future work and meeting schedules for TG2 and TG3. Some other implementations are underway. In addition to monitoring the uptake of the standard the TG2 and TG3 groups are working to ensure the swift resolution of any comments that result from the ISO fast track process for ECMA-334 (C#) and ECMA-335 (CLI). TG2 and TG3 are meeting via phone conferencing and utilizing the ECMA email reflectors to make progress and plan to meet prior to the TC39 meeting in October.

TC39 Meeting

- October 3rd 2002, Big Island, Hawaii

#### Progress

At the March 2002 TC39 plenary Mr. Meyer provided an insightful presentation on the programming language Eiffel and proposed that a new TG be created within TC39 to standardize the language. TC39 unanimously agreed to set up the TG, TG4. The intent of TG4 is to provide a final draft to the GA in approximately 18 months. Ms. Mingins (Monash University) will be the convener, Mr. Meyer will be the editor and Mr. Stapf will provide liaison between TG4 and TG3. The first meeting of TG4 is scheduled for May 30<sup>th</sup>/31<sup>st</sup> in Zurich Switzerland.

TG1 continues to make good progress although as a result of conflicting schedules the number of face to face meetings has been reduced in the last 6 months. Accordingly the TG has reconsidered the planned delivery date of ECMAScript 4 to the GA and are now proposing to submit the final draft in December 2003.

Since the GA approval of the C# and CLI standards in December 2001 members of TG2 and TG3 have been focusing on ensuring that all the information required for the ISO fast track process is provided and planning to ensure that the right structure is in place to answer any comments that might occur from the fast track process.

**Latest Status:**

**Task Group 1: ECMAScript**

**Mr. Torr**, Convenor of TG1, presented his report (2002/7). Good progress has been made during the last half year in the preparation of the 4<sup>th</sup> Edition of ECMA-262. Controversies have been resolved. Agreement has been archived on the execution model, and other important issues. A lot of editing work has to be done, and a lot of details have now to be worked out. The final draft for vote by the ECMA General Assembly will be submitted at the latest for the GA meeting in December 2003.

**Status report from Task Group 2: C# (01/4)**

**Ms Thompson**, Convenor of TG2, presented her report (2002/6). The TG is now collecting possible comments for the ISO ballot of the fast-track ECMA-334 (DIS 23270).

**Mr. Plum** expressed high appreciation for the quality of the work done by TG2 in developing the C# Standard. He found amazingly few issues – 6 to 8 – when preparing the test suite for C#. He has rarely seen a document defining a programming so well.

**Status report from Task Group 3: CLI (01/5)**

**Mr. Ruby**, Convenor of TG3, presented this report (2002/8).

The TG is currently collecting issues, clarifications and typographical errors in the standard to be submitted to the ISO balloting process. A write-up of these will be prepared prior to the meeting in June 2002, at which time plan for completion will be made.

The task group considered 24 issues, clarifications and typographical errors, of which 14 are likely to be included in the submission to ISO.

**Drafts to be submitted to the GA for adoption**

None

**Recommendations**

None

Andrew Clinick (Microsoft)  
Chairman TC39