ECMA

Standardizing Information and Communication Systems

TC39 Chairman's Report to the Co-ordinating Committee
25 October 2001

Officers

Chairman: Andrew Clinick (Microsoft)
Vice-Chairman: Dr. Clayton Lewis (Netscape)

For reference the most recent chairman's report is contained in ECMA/TC39/00/12

Meetings

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

Task Group meetings

- 24th to 27th April, 2001 in Raleigh, North Carolina, USA, hosted by IBM.
- 22nd to 25th May, 2001 in Montreux, Switzerland, hosted by ECMA.
- 18th to 22nd June, 2001 in Redmond, Washington, USA, hosted by Microsoft
- 24th to 27th July, 2001 in Mountain View, California, USA, hosted by Netscape
- 27th to 31st August, 2001 in Redmond, Washington, USA, hosted by Microsoft
- 24th to 26th September, 2001 in Cupertino, California, USA, hosted by Hewlett-Packard
- 1st October in Mountain View, California, USA, hosted by Netscape

TC39 meeting

- 27th September 2001 in Cupertino, CA, USA(Hewlett Packard)

Future meetings

The following TC39 Task Group 1 meetings are planned
- October 30th 2001, Redmond, WA hosted by Microsoft
- 15th November, 2001, Mountain View, California, USA, hosted by Netscape

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. The situation will be actively monitored, and reviewed in the first quarter of 2002, at the latest at the next TC39 plenary meeting in March 2002

TC39 Meeting

- March 14th 2002, Redmond, WA(Microsoft)

Progress

'TC39 unanimously approved the final drafts of Common Language Infrastructure specification and C# Language Specification for submission to the General Assembly. TC39 unanimously recommends submitting the ECMA Standards on C# and CLI to ISO/IEC JTC 1, for adoption under their fast-track procedure. In addition to the specifications TC39 unanimously agreed to submit a draft TR for approval. The TR is intended to facilitate human access to the XML partition in the CLI standard. It will consist of a tool, running in Windows/CLI environment, and the .doc files (229) resulting from applying the tool on the XML partition. The .doc files comprise over 2000 pages, if printed, and will be presented as a .zip file. The electronic version will be published by ECMA, as usual, in PDF format. The TR is also recommended for fast-track processing by JTC 1: it is considered to be of valuable help for National Bodies.

TG1 (ECMAScript) continues to make progress on the creation of ECMAScript Edition 4, with significant progress in the last 6 month. The planned submission date of the specification to the General Assembly is now December 2002. TG2 (C#) made excellent progress throughout the last 6 months to complete the C# specification ahead of schedule. TG3 (CLI) similarly made excellent progress and completed the CLI specifications on schedule.'

Latest Status:

Task Group 1: ECMAScript

Mr. Torr reported that good progress has been made during the last half year in the preparation of the 4th Edition of ECMA-262. A reasonably stable draft is expected in the beginning of 2002. The final draft for vote by the ECMA General Assembly will be submitted at the latest for the GA meeting in December 2002.

The TC39 Chairman rendered many thanks to **Mr. Dollin** (HP) for his excellent work as Convenor of TG1. The new Convenor of TG1 is **Mr. Torr** (Microsoft).

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

Ms. Carol Thompson presented her Convenor's report to TC39, highlighting the excellent progress made and that the C# specification was complete in time for the TC39 meeting and that there were no outstanding action items.

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

Mr. Sam Ruby presented his Convenor's report to TC39. The specification was produced on time for the TC39 meeting in September with only 6 editorial action items remaining. These action items have since been closed. The 1st Edition of the CLI specification contains five so-called Partitions (in WORD/PDF) and one big XML Partition on the Class Libraries.

Election of Officers

Mr. Andrew Clinick was unanimously re-elected as Chairman of TC39.

Mr. Joel Marcy was unanimously elected as Vice-Chairman of TC39.

Drafts to be submitted to the GA for adoption

1. Common Language Infrastructure (CLI) Specification
2. C# Language Specification
3. Common Language Infrastructure Technical Report

Recommendations

Consistent with the agreements made at the most recent meeting of TC39, and in consultation with the SG the following recommendations are made by the chairman:

1. The General Assembly adopt the Common Language Infrastructure (CLI) Specification
2. The General Assembly adopt the C# Language Specification
3. The General Assembly adopt the CLI Technical Report
4. The General Assembly submit the CLI Specification to ISO for fast track
5. The General Assembly submit the C# Language Specification to ISO for fast track
6. The General Assembly submit the CLI Technical Report to ISO for fast track

Andrew Clinick (Microsoft)

Chairman TC39