

Ecma International External Liaison Report for 2003-2004

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Prepared by Rex Jaeschke
rex@RexJaeschke.com

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Ecma currently has one Technical Committee, TC39, working on SC 22-related projects. TC39's work is divided among the following Task Groups (TGs):

- 1 TC39/TG1 (ECMAScript language): The current standard is ECMA-262, 3rd Edition – December 1999, which was published as ISO/IEC 16262:2002(E), 2nd Edition. Work on the next version is continuing. The editors of record for the standard are John Schneider and Jeff Dyer. An adjunct standard, ECMAScript for XML (E4X), was adopted by the Ecma GA in June 2004 as ECMA 357, and is currently being processed by JTC 1 via the Fast-Track mechanism. The editor of record for this standard is John Schneider.

No Defect Reports have been received in the past year.

- 2 TC39/TG2 (C# language): The current standard is ECMA-334, 2nd Edition – December 2002, which was published as ISO/IEC 23270:2003(E). The next version is expected to be adopted by the Ecma GA in June 2005, and Fast-Tracked to JTC 1 soon after. The editor of record is Rex Jaeschke.

No Defect Reports have been received in the past year. However, numerous informal questions and suggestions from the Japanese National Body (JIS) were handled by email as JIS members translated the standard into Japanese.

- 3 TC39/TG3 (Common Language Infrastructure): The current standard is ECMA-335, 2nd Edition – December 2002, which was published as ISO/IEC 23271:2003(E). A companion Technical Report is ECMA Technical Report TR/84, 2nd Edition – December 2002, which was published as ISO/IEC 23272:2003(E). The next versions of this standard and TR are expected to be adopted by the Ecma GA in June 2005, and Fast-Tracked to JTC 1 soon after. The editor of record for both is Rex Jaeschke.

No Defect Reports have been received in the past year. The Japanese National Body plans to translate the standard and TR into Japanese. Any questions and suggestions its members make during that process will likely be handled informally by email.

- 4 TC39/TG4 (Eiffel Language): The first Edition of an Ecma Standard is expected in either December 2004 or June 2005, and will be Fast-Tracked to JTC 1 soon after. The editor of record is Prof. Bertrand Meyer.

- 5 TC39/TG5 (C++/CLI language): This language adds extensions to JTC 1/SC 22/WG 21's C++ language standard ISO/IEC 14882:2003 to support the Common Language Infrastructure standard. The first version is expected to be adopted by the Ecma GA in June 2005, and Fast-Tracked to JTC 1 soon after. The editor of record is Rex Jaeschke.

C++/CLI is not being defined in isolation from Standard C++; quite the contrary. All TG5 documents are made available to WG 21 members, a joint TG5-WG 21 email reflector handles technical discussions, and WG 21 members are invited to attend TG5 meetings. A number of C++/CLI's innovations have been submitted to WG 21 for its consideration as additions to a future version of the C++ standard.

- 6 Ecma offers to SC 22 intermediate versions of any of the above up-coming Fast-Track proposals should SC 22 want to receive them.