

Ecma International External Liaison Report for 2012–2013

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Ecma (www.ecma-international.org) currently has two Technical Committees, TC39 and TC49 (the latter having multiple Task Groups), with SC 22-related projects, as follows:

1. TC39 (ECMAScript language): ECMAScript 5th edition was adopted by the Ecma General Assembly in December 2009, and then published as [ISO/IEC 16262:2011](#) (which [ECMA-262 edition 5.1](#) now matches). The editor of record for the standard is Allen Wirfs-Brock. An adjunct standard, ECMAScript for XML (E4X), is ECMA-357, 2nd Edition – December 2005, which was published as [ISO/IEC 22537:2006, 1st Edition](#).

A Test Suite for ECMAScript has been published as [Ecma TR-104](#).

An Internationalization API specification for ECMAScript ([ECMA-402](#), Edition 1) was approved by Ecma in December 2012. Work continues on Edition 2, which is expected at the end of 2014.

Work on the next edition of the ECMAScript specification is underway. The intended feature list is complete and several drafts have been made publicly available. ECMAScript 6th Edition has been delayed by a year, and is expected to be submitted to the ECMA General Assembly for approval in December 2014. It will then be Fast-Tracked to JTC 1.

No Defect Reports have been received in the past year.

In the future, it is expected that all ECMAScript work will be done such that new standards and TRs from that group are Royalty Free.

TC39 has also started a joint project with IETF for the JSON (JavaScript Object Notation) standard, for a lightweight data-interchange format. (See www.json.org.)

2. TC49/TG2 (C# language): The current standard is ECMA-334, 4th Edition – June 2006, which was published as [ISO/IEC 23270:2006, 2nd Edition](#). The editor of record is Rex Jaeschke.

TG2 is in recess. No Defect Reports have been received in the past year.

3. TC49/TG3 (Common Language Infrastructure): The current standard is Ecma-335, 6th Edition – June 2012, based upon the successful February 2012 publishing of [ISO/IEC 23271:2012, 3rd Edition](#). A companion Technical Report is Ecma TR/84, 6th Edition – June 2012 (also fast-tracked, as [ISO/IEC TR 23272:2011, 3rd Edition](#)). The editor of record for the standard and TR is Joel Marcey.

TG3 is in recess. Once it reconvenes, planning for the 7th edition of Ecma-335 will continue.

No Defect Reports have been received in the past year.

4. TC49/TG4 (Eiffel Language): The current standard is ECMA-367, 2nd Edition – June 2006, which was published as [ISO/IEC 25436:2006, 1st edition](#). The editor of record is Prof. Bertrand Meyer.

TG4 is working on a revision.

No Defect Reports have been received in the past year.