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The activities of WG3 and Editing Meetings on WG3 progression documents since the last SC 32 Plenary are described below.

Project 1.32.03.04

SQL Parts at IS

The 2nd Technical Corrigendum for ISO/IEC 9075:1999 was finally published by ISO in 2003 (2003-06-03) split into the following set of documents: ISO/IEC 9075-1:1999/Cor.2:2003; ISO/IEC 9075-1:1999/Amd.1:2001/Cor.1:2003; ISO/IEC 9075-2:1999/Cor.2:2003; ISO/IEC 9075-2:1999/Amd.1:2001/Cor.1:2003; ISO/IEC 9075-3:1999/Cor.2:2003; ISO/IEC 9075-4:1999/Cor.2:2003; ISO/IEC 9075-5:1999/Cor.2:2003; ISO/IEC 9075-5:1999/Amd.1:2001/Cor.1:2003; ISO/IEC 9075-9:2001/Cor.1:2003; and ISO/IEC 9075-10:2001/Cor.1:2003. This means that the TC was only published 6 months before the standard was completely replaced due to it having languished in the ISO print shop for ages.

Project 1.32.03.05

SQL Parts at IS

The ISO/IEC 9075-1 SQL/Framework, ISO/IEC 9075-2 SQL/Foundation, ISO/IEC 9075-3 SQL/CLI, ISO/IEC 9075-4 SQL/Persistent Stored Modules, ISO/IEC 9075-9 SQL/MED, ISO/IEC 9075-10 SQL/OLB, ISO/IEC 9075-11 SQL/Schemata, ISO/IEC 9075-13 SQL/JRT, ISO/IEC 9075-14 SQL/XML are all standards with a 2003 date (2003-12-15).

SQL Parts at WD

The Working Group started work on a TC for ISO/IEC 9075:2003 immediately after publication of the IS. Our first changes were to remove the errors introduced by the ITTF editors into the text supplied by our editor. We aim to publish a TC approximately 1 year after the publication of the IS. Work was done on identifying and resolving errors in the standard during our interim meetings in Stockholm and Hobart and at this meeting. It is noteworthy that most of the errors now being found relate to text which has long been part of the standard but which is being increasingly scrutinised by certain National Bodies. We are recommending that the output from this meeting be submitted for DCOR ballot with an Editing Meeting to be help concurrently with our interim meeting in November 2004.

Project 1.32.03.06

SQL Parts at WD

Work has progressed satisfactorily on Part 14 SQL/XML. The specification is now fully aligned with the XQuery work of W3C and can make use of queries written in that language from within the SQL language. A shred function (XMLTABLE) has also been added to enable the population of SQL tables directly from XML documents. The other parts have mainly been the subject of error corrections and contain only minor functional enhancements. As was seen in the WG3 Tutorial presentation (32N1031) we have adopted XML as the source for all our standards (including the TC). As a result we have been able to appoint associate editors for several of the parts of ISO 9075 to assist the principal editor (Jim Melton) in his work.

We are proposing to progress SQL/XML to FCD out of this meeting with the aim of keeping the SQL/XML functionality bang up-to-date with other developments in the XML arena. We are also proposing to progress all of the other parts to CD out of the interim meeting in November 2004. This date is later than planned at the Santa Fe meeting in 2003 but our meeting schedule is now such that this delay should be recovered and the documents should reach IS status slightly earlier than originally planned.

Following this round we hope to turn the complete set of parts around yet again to give a new set of standards by the end of 2007.

Summary

Excellent progress continues to be made on all fronts. Attendance at meetings is good — at least 9 National Bodies are regularly contributors. The implementers, including some open-source ones, continue to be interested in the standard and its development.

Now that SQL/XML has reached the previously agreed minimal level of functionality, the group can devote more of its attention to other areas. In order to ensure the maximum relevance of the group's work, we are proposing an SC32 resolution to solicit suggestions and priorities from other groups within and without JTC1.