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The activities of WG3 and Editing Meetings on ISO/IEC 9075 documents since the last SC 32 Plenary are described below.

#### **SQL Technical Corrigenda**

ISO/IEC 9075:Cor1:1999 was finally published by ITTF as a single cumulative document for all three parts.

Technical Corrigendum 3 for ISO/IEC 9075:1992, 9075-3:1995 and 9075-4:1996 incorporated all known corrections to problems in the published standards closed and is the last which will be published for these documents.

#### **SQL Parts at FDIS**

The final FCD continuation editing meeting for parts 1, 2, 4 and 5 of ISO/IEC 9075 held from the 2nd to the 9th of November 1998 in Heidelberg, Germany.

Attendance at the final FCD continuation editing meeting consisted of 11 representatives from 7 countries: Canada (1), Germany (2), Japan (1), Netherlands (1), Italy (1), UK (1), USA (4). Stephen Cannan (Netherlands) and Jim Melton (USA) conducted the meeting in their capacities as WG3 Convenor and SQL3 Editor, respectively.

The final FCD continuation editing meeting resolved **ALL** of the Ballot Comments originally submitted and in addition fixed **ALL** other problems which came to light as a result of trying to resolve the comments submitted.

The FDIS ballot was started on 13 May 1999 and is scheduled to close on 13 July 1999. It is hoped that the IS's will be published with a 1999 date.

The FCD Ballot for SQL Part 3 closed (see SC 32 N00176, SC 32 N00213) with 9 National Bodies For, 5 Against, and 0 Abstaining from a total of 16 SC 32 P members. The negatives were from: Canada, Germany, Japan, UK and USA.

The SQL part 3 FCD Editing Meeting met between February 15<sup>th</sup> and February 19<sup>th</sup>, 1999 in Salt Lake City, U.S.A.

Attendance at the SQL Part 3 FCD Editing Meeting consisted of 11 representatives from 7 countries: Canada (1), France(2), Germany (1), Japan (1), Netherlands (1), UK (1), USA (4). Stephen Cannan (Netherlands) and Jim Melton (USA) conducted the meeting in their capacities as WG3 Convenor and SQL3 Editor, respectively. In addition the USA sent one observer.

The SQL FCD Editing Meeting was charged with responding to the DIS ballot comments and producing revised text for publication. 5 of the 5 P-Member bodies voting negative attended the Editing Meeting.

The SQL FCD Editing Meeting considered 211 Ballot Comments from the SQL FCD Ballots. The meeting was able to completely resolve **ALL** ballot comments originally submitted and in addition fixed **ALL** other problems which came to light as a result of trying to resolve the comments submitted.

The FDIS ballot is estimated to start in June and is thus expected to close in August. It may still be possible that this will also receive a 1999 date.

#### **SQL Parts at FCD**

The FCD editing meeting for part 10 SQL/OLB met between the 17th and the 27th of May 1999 in Matsue, Japan as part of the SC32 meeting. Attendance at the working group meeting consisted of 16 representatives from 8 countries: Australia(1), Canada (2), Germany (1), Japan (3), Korea(2), Netherlands (1), UK (2), USA (4).

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The SQL/OLB FCD Editing Meeting considered 119 Ballot Comments from the FCD Ballot. The meeting was able to completely resolve 36 (30%) of the comments and has partially addressed several others.

The meeting is recommending a continuation Editing Meeting.

#### **SQL Parts at CD**

The CD editing meeting for part 9 SQL/MED met between the 17th and the 27th of May 1999 in Matsue, Japan as part of the SC32 meeting. Attendance at the working group meeting consisted of 16 representatives from 8 countries: Australia(1), Canada (2), Germany (1), Japan (3), Korea(2), Netherlands (1), UK (2), USA (4).

The SQL/MED CD Editing Meeting considered 300 Ballot Comments from the CD Ballot. The meeting was able to completely resolve 203 (68%) of the comments and has partially addressed several others.

The meeting is recommending a continuation Editing Meeting.

#### **SQL Parts at WD**

The Working Group met between the 2nd and the 9th of November 1998 in Heidelberg, Germany. The meeting was very short, due to the parallel editing meeting activities, but successful in deciding on the fate of functionality (partially) specified but not incorporated in the FDIS documents.

The Working Group also met between the 17th and the 27th of May 1999 in Matsue, Japan as part of the SC32 meeting. Attendance at the working group meeting consisted of 17 representatives from 8 countries: Australia(1), Canada (2), Germany (1), Japan (3), Korea(2), Netherlands (1), UK (2), USA (5).

A number of Technical Corrigenda to the FDIS documents were processed and it is planned to issue a DCOR following the Santa Fe SC32 meeting.

No activity took place on parts 6 or 7. Part 7 has been the subject of a moratorium which expired at this meeting. Part 6 is no longer felt to be relevant and the working group is recommending that this subproject be discontinued.

#### **New SQL Amendment**

The Working Group is recommending a new sub-project for an Amendment designated "SQL/OLAP" and to circulate the output document from this meeting as a Working Draft. The Working Group is recommending that the WD document for this Amendment that will be the output from its October 1999 meeting be submitted for CD ballot.

Working drafts for all parts of SQL will be issued following the Matsue meeting for further development in anticipation of a future revision of the standard.

#### **Liaison**

The WG meeting was made aware of a group, the "Statistical Open Source Consortium for Output Databases (ODB)", that should be interested in the work planned for the SQL/OLAP amendment and whose requirements will certainly be of interest to the working group. Since it is understood that the group does not (yet) have the degree of formality in its constitution which would permit a formal liaison, we are proposing an informal liaison and Don Bartley has kindly offered to keep both groups informed of each other's activities.

During the course of the Matsue meetings, a potential conflict between subprojects of Working Group 3 and Working Group 5 was detected. The Working Groups cooperated closely in both providing additional education to one another and in developing a model that was a refinement of each Working

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Group's prior model. Based on this revised model, both groups have refined the scope of their work and recognize the need for closer and more frequent cooperation in the future. The USA is now sending an expert (Dr. Charles Campbell) as a delegate attending both WG3 and WG5 meetings, which will expediate such cooperation.

**Summary**

Good progress is being made on many fronts. Attendance at meetings is good, always at least 7 National Bodies are represented and 9 National Bodies have attended at least one meeting in the past year.

The Working Group's ability to progress multiple documents simultaneously and in close alignment continues to improve. Several tools and policies contribute to this ability, including the carefully-tested procedures of the group. The standardized way in which agendas, minutes, comments, and proposals are presented and processed ensures easy access and availability to all National Bodies, greatly easing the review and development process. Another tool that contributes to the efficiency of WG3's meetings is a local area network and file server that has been kindly provided by one delegate for the use at the meetings. The group's work frequently benefits from having an on-line archive of all recent papers (including working drafts, proposals, and administrative documents) going back a number of years. In addition, the group's Editor is able to trace the source of virtually every line of text in all working drafts to their original proposals, helping proposal writers better understand the origin and history of material they wish to modify.