

ISO/IEC JTC1 SC34 Business Plan

Period: December 2007 to October 2008

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Presentation Outline

- SC34 Statement of Scope
- SC34 WGs
- SC34 Project Report
- SC34 Achievements
- SC34 Work Program Priorities
- SC34 Cooperation and Competition

SC34 Statement of Scope

- Standardization in the field of document structures, languages and related facilities for the description and processing of compound and hypermedia documents, including:
 - languages for describing document logical structures and their support facilities
 - languages for describing document-like objects in web environments
 - document processing architecture and formatting for logical documents
 - languages for describing interactive documents
 - multilingual font information interchange and related services
 - final-form document architecture and page information interchange
 - hypermedia document structuring language and application resources
 - API's for document processing

SC34 WGs

- WG1
 - Markup Languages
- WG2
 - Information Presentation
- WG3
 - Information Association
- WG4
 - Office Open XML
- WG5
 - Document Interoperability

SC34 WG Conveners

- WG1: Markup Languages
 - Convener: Dr. BROWN, Alex (E-mail: alexb@griffinbrown.co.uk), GB
- WG2: Information Presentation
 - Convener: Dr. KOMACHI, Yushi (E-mail: komachi@y-adagio.com), Japan
- WG3: Information Association
 - Convener: Dr. DURUSAU, Patrick (Email: patrick@durusau.net), USA
- WG4: Office Open XML
 - Convener: Dr. MURATA, Makoto (Email: eb2m-mrt@asahi-net.or.jp), Japan
- WG5: Document Interoperability
 - Convener: Dr. LEE, Jaeho (Email: jaeho@uos.ac.kr), Korea

SC34 Project Report

- SC 34 has 75 projects in total.
- Among them, 22 projects are under development.
- The programme of Work of SC 34 is available at the following URL:
 - http://www.itscj.ipsj.or.jp/sc34/open/Secretariat_report.htm#POW

SC34 Achievements (1)

- SC 34 was assigned the challenging responsibility for the passage of Ecma 376 to become ISO/IEC 29500, and has not only survived this controversial process but achieved an excellent result. In particular SC 34:
 - Arranged and ran a ballot resolution meeting (BRM) in Geneva Feb, 2008, that substantially improved the text leading to its approval in the ongoing ballot process
 - Launched ad hoc groups to promote a consensual approach to the ongoing maintenance of the standard.
 - Arrived at an arrangement for a satisfactory maintenance regime that fully involved Ecma members while preserving the full integrity and force of the JTC 1 maintenance process.
- SC34 is composed of experts in editable document formats.

SC34 Achievements (2)

○ WG1

- The DSDL project has standardized RELAX NG (19757-2) and Schematron (19757-3), and NVDL (19757-4).
- DSRL (19757-8) and Namespace and datatype declaration in DTDs (19757-9) has been sent for publication to ITTF in September 2008.
- CRDL (19757-7) will become an FDIS by December 2008.

○ WG2

- ISO/IEC 24754: 2008, Information technology - Document description and processing languages - Minimum requirements for specifying document rendering systems.

○ WG3

- The re-casting of ISO/IEC 13250 is nearly complete.
- The Topic Maps Reference Model and Compact Syntax, as well as the Constraint and Query languages are nearing completion (TMCL/TMQL).
- Together those standards will form a core of standards upon which other, more domain specific topic map work can be based.

SC34 Market Requirements

- SC 34 is well placed to engage with key technology trends.
 - First, there has been a transition of XML into the mainstream, where it has now become an orthodox data representation technology. SC 34's strengths in all aspects of this technology will address the growing needs of the user community which now finds itself using XML for a very wide range of document applications.
 - Secondly, there is a growing awareness of the applicability of Knowledge Management technologies to enhance the value and utility of data sets. SC 34's Topic Maps technologies provide an excellent basis for such Knowledge Management activities.
 - OOXML and ODF for expressing semantics and long-term preservation.

SC34 Work Program Priorities

- SC34 intends to act as good stewards for the two major office document formats for which it has responsibility: ISO/IEC 26300 and ISO/IEC 29500.
- Such work is critical to the millions of users of these formats over the World. The priority in the coming year is to establish effective functioning of SC34's new working groups that are concerned with ISO/IEC 29500 maintenance and interoperability between the two formats; and to increase our collaboration with OASIS on ISO/IEC 26300 maintenance.
- Finishing up TMCL and TMQL.
- Finding ways to utilize Topic Maps to increase semantic expression of OOXML and ODF.

Cooperation and Competition

- W3C XML Schema and SC34 DSDL (Document Schema Description Languages)
- IS 29500 (OOXML) and IS 26300 (ODF)
- ISO Topic Maps and W3C RDF/OWL

Agreed Resolution (SC34/OASIS)

- JTC1 recognizes the timely response (N9398) from OASIS to the SC34 liaison statement (SC34 N1095), and thanks OASIS for the new draft errata to ODF 1.0. JTC1 particularly welcomes OASIS's proposal to confer with JTC1 and SC34 to forge a genuine partnership for collaboratively handling the maintenance of ODF/IS 26300. JTC1 requests SC34 and OASIS to develop a document specifying the detailed operation of joint maintenance procedures, with a common goal of preparation of technically-equivalent documents, and taking into account the requirements and constraints of both standards bodies. SC34 is requested to consider this document at its March 2009 plenary and report the results to JTC1 following this meeting.

Any Question?
Thanks for your attention!

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