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ISO/IEC JTC₁ SC₃₄ Business Plan

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Presentation Outline

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- SC₃₄ Project Report
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- 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 (I)

- 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)

○ WG_I

- The DSDL project has standardized RELAX NG (I9757-2) and Schematron (I9757-3), and NVDL (I9757-4).
- DSRL (I9757-8) and Namespace and datatype declaration in DTDs (I9757-9) has been sent for publication to ITTF in September 2008.
- CRDL (I9757-7) 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

- SC₃₄ 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. SC₃₄'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. SC₃₄'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.
- 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

Current IS 26300(ODF) Maintenance Agreement

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OASIS and its OpenDocument Technical Committee plans to conduct the ongoing maintenance of the submitted specification, including the collection and promulgation of errata, implementation experience and possible feedback towards future improvements. OASIS requests that any corrections of defects or errata from the JTC1 process be re-presented to the OASIS Technical Committee, for handling and correction, which the Technical Committee will be pleased to publish in a manner coordinated with JTC1. OASIS requests that any change or improvement proposals from the JTC1 process be re-presented to the OASIS Technical Committee, for inclusion in a future major revision. The OASIS OpenDocument Technical Committee proposes to remain active and drive growth of the specification, and to bring any future major versions back to JTC1 for retransposition at an appropriate stage of stability.

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IS 26300(ODF) Maintenance Issue

- In Co43485.pdf, on page 3, The "NOTE FROM ITTF" reads in part:
 - In accordance with Resolution 30 of the JTC1 Berlin Plenary 1993, the proposer of this document recommends assignment of ISO/IEC 26300 to JTC1/SC34.
- SC34 has concerns about IS 26300(ODF) maintenance [N9287].
- OASIS suggests that we work with SC34 leadership to propose to JTC1 and OASIS a less formal maintenance procedure for jointly-maintained lists of errata and defects [N9398].
- A permanent maintenance agreement that formally synchronizes the following would assist both SC34 and OASIS in the maintenance of IS 26300(ODF) :
 - OASIS draft errata and SC34 Draft Technical Corrigendum
 - OASIS ballots and SC34 ballots
 - OASIS approved errata and JTC1 Technical Corrigendum

Any Question?
Thanks for your attention!

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