

[Final Version]

Minutes of the Tokyo Meeting of ISO/IEC JTC 1/SC 34/WG4, 2010-09-06/08

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2010-09-08

1. Opening remarks

The meeting started at 09:15 on 09/06. The convener, Murata-san, welcomed everyone to Tokyo, Japan, for the eighth face-to-face meeting of WG4.

2. Roll call of delegates

The following members were present during part or all of the meeting:

Name	Affiliation	Employer/Sponsor
Sam Oh	SC 34 Chair	Sungkyunkwan University
Toshiko Kimura	SC 34 Secretariat	Japan Standards - ITSCJ
Makoto Murata	WG4 Convener, JP	International University of Japan
Paul Cotton	CA	Microsoft
Ning Li	CN	Beijing Information Technology Institute
DongLin Wang	CN	Beijing Sursen International Information Technology Co. Ltd.
Zhang Zhan Xin	CN	China Electronic Standardization Institute
ChunYan Fang	CN	China Electronic Standardization Institute
Jirka Kosek	CZ, XML Guild liaison	Consultant
Mario Wendt	DE	Microsoft
Klaus-Peter Eckert	DE	Fraunhofer Fokus
Rex Jaeschke	Ecma, Project Editor	Consultant
Doug Mahugh	Ecma	Microsoft

Name	Affiliation	Employer/Sponsor
Chris Rae	Ecma	Microsoft
Kohei Yoshida	Ecma	Novell
Francis Cave	GB	Francis Cave Digital Publishing
Alex Brown	GB	Griffin Brown Digital Publishing Ltd.
Gareth Horton	GB	Datawatch
Masanori Kusunoki	JP	Microsoft
Jaeho Lee	KR	University of Seoul
Dongsun Nam	KR	Haansoft
Jung Koo Kwon	KR	Hancom
Dave Welsh	US	Microsoft
Toshiya Suzuki	Invited expert	Hiroshima University

24 people representing 8 NBs and 2 liaisons.

3. Adoption of the agenda

The agenda (N 1467) was adopted by unanimous consent, with the following changes:

Add

- To Administration, “Integration of COR1 and AMD1 into IS 29500”
- To Planning for Future Projects, “29500 Maintenance (WG4 N 0147)” and “DR triage”
- To “Any other business”, “Preparation for Friday’s Plenary: Request second AMD for ISO date/SpreadsheetML project, Request free availability of AMD1 set.”

Remove

- The Relationship among "Transitional", "Strict" and future (standardized or proprietary) extensions

4. Administration

Approval of Previous Meeting Minutes [WG N 0150]

The minutes from the 2010-08-19 teleconference were adopted by unanimous consent.

Outstanding Action Items

1. Shawn will write a white paper responding to the Strict/Transitional questions drafted in Paris.

Withdrawn

2. Mario, Dave, and Alex will “get up to speed” on the use of Registries, so they can help WG4 members to evaluate whether that mechanism is viable for its needs. **Done**

Report from the WG4 Secretariat

The following NBs and liaisons have registered delegates to WG4: CA, CH, CI, CN, CZ, DE, DK, Ecma, FI, FR, GB, IN, IT, JP, KR, NL, NO, PL, W3C, XML Guild, and ZA. All requests for additions, deletions, and changes to the delegate list should be sent to the WG4 Secretariat (rex@RexJaeschke.com).

For information about accessing the email list, and the document and email archive, please consult document WG4 N 0014 (2008).

Access to the documents on the Ecma site is restricted to registered members. For those documents that are to be made available to the public, Murata-san has provided copies of them at

<http://www.itscj.ipsj.or.jp/sc34/wg4/>.

Integration of COR1 and AMD1 sets into IS 29500

Rex reported the following:

Four new documents (N 0151 to N 0154) have been added to the SC 34/WG4 document site. They are zips containing the corresponding 29500:2008 Parts with COR1 and AMD1 applied using Tracked Changes.

As Rex describes in a later agenda item (29500 Maintenance [N 0147]), eventually, a final version of these files will go to Ecma for approval as a new ECMA-376 edition, and be published as a reprint by ITTF. He asked WG4 members to proof the new versions to make sure that he has applied correctly the edits they agreed to in COR1 and AMD1. [In doing so, page headers and footers should be ignored, as they will be changed in the final Ecma and ISO/IEC editions.]

Note that AMD item 274 was not applied, as it appears to conflict with COR1 item 457, as follows:

Part 1, COR1, Item 457 [DR 09-0005]: §21.2.3.34, “ST_Perspective (Perspective)”, p. 3892

This simple type specifies that its contents contain an integer between 0 and ~~240~~¹⁰⁰, whose unit is one-half degrees~~contents are a percentage~~.

Part 1, AMD1, Item 274 [DR 09-0203]: §21.2.3.34, “ST_Perspective (Perspective)”, p. 3892

This simple type specifies that its contents contain ~~an integer a percentage~~ between 0% and ~~100~~²⁴⁰%, ~~whose contents are a percentage~~.

This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedByte datatype~~. is a union of the following types:

- ST_PerspectivePercent simple type (§21.2.3.54).

~~This simple type also specifies the following restrictions:~~

~~This simple type has a minimum value of greater than or equal to 0.~~

~~This simple type has a maximum value of less than or equal to 240.~~

After some discussion, it was agreed that the COR1 fix was correct and the AMD1 fix was not. As a result, the AMD1 fix must be deleted. After consulting with the SC 34 Secretariat, Kimura-san, we were left with two choices: To produce~~publish~~ a COR on the new AMD, or to revise the new AMD. The former approach seemed the quickest and, hopefully, will result in ITTF's allowing the AMD to be reprinted with the deletion applied without actually publishing a new COR. (Publishing a COR on an AMD, which amends a base standard, will confuse people, and we should avoid it if possible, especially since the COR will contain only one entry, a deletion to a change in the AMD.)

Action: Rex will contact ITTF explaining the situation and what WG4 understands its options to be.

Until this issue is resolved, it is clear that no consolidated reprint should be published by Ecma or ITTF.

5. Defect reports

Rex gave a demonstration of the public online DR log, which is at <http://cid-c8ba0861dc5e4adc.office.live.com/browse.aspx/Public%20Documents>. To use it start with the spreadsheet in the top-level folder and access individual DRs via the hyperlinks contained within its left-most column. [\[Note that the much simpler URL <http://www.29500sc34comments.org/> gets you directly to the spreadsheet.\]](#)

Rex reported that Ecma TC46 (XML Paper Specification [XPS]) is starting to monitor WG4's work, especially with regard to OPC DRs. Although the current XPS standard refers to ECMA-376 First Edition's OPC, it is interested in referring to 29500-2 in future editions of its standard.

DR 09-0012, "Parts, Font Part: Incomplete definition for Font Part"

It's almost complete. Some minor clarification still needed.

DR 09-0043, "WML, Fonts: notTrueType attribute and bitmap fonts"

It's almost complete. Some minor clarification still needed.

DR 09-0045, "WML, Fonts: Character encodings of font names"

It's almost complete. Some minor clarification still needed.

DR 09-0055, "PML, Presentation: Type of the attribute pitchFamily is too loose"

Agreed with proposal. Moved to "Last Call".

DR 09-0056, "DML, Main: Type of the attribute pitchFamily is too loose"

Agreed with proposal. Moved to "Last Call".

DR 09-0061, "Shared MLs, Shared Simple Types: Constrain ST_Panose value set"

More review of the proposed solution is needed.

DR 09-0099, "SML: No Normative References or Definitions for "MDX" and "OLAP""

This was discussed on Monday afternoon and then again on Tuesday morning. Chris will write a revised proposal based on input from Alex and Francis.

DR 09-0172, "WML: Filename-to-IRI mapping"

There was a short discussion. More work is needed.

DR 09-0194, "WML: Use of terminology "id" and "unique identifier""

Agreed with proposal with "systems" changed to "schemes". Moved to "Last Call".

DR 09-0275, "BRM: serial date representation"

This DR is subsumed by the ISO date/spreadsheet AMD. DR closed without action.

DR 09-0310, "SML: Imprecise definition of date and time formats"

This DR is subsumed by the ISO date/spreadsheet AMD. DR closed without action.

DR 09-0311, "SML: Date and time functions use disallowed serial date format"

This DR is subsumed by the ISO date/spreadsheet AMD. DR closed without action.

DR 09-0316, "Part 1: Conformance"

DR 09-0317, "Part 1: Conformance"

DR 09-0318, "Part 1: Conformance"

There was a lengthy discussion, but no decisions were made.

DR 09-0319, "OPC: Relationships Part"

After some discussion, the proposal was replaced with the following:

Part 2 §9.3.1, “Relationships Part”

~~A relationship whose source is a package as a whole is known as a *package relationship*. Package relationships are used to identify the “starting” parts in a package for a given context. This method avoids relying on naming conventions for finding parts in a package.~~

Moved to “Last Call”.

DR 09-0321, “OPC: Relationships Markup”

We had a brief discussion. There was no resolution.

DR 10-0001, “SML: Remove dateCompatibility attribute from strict schemas and occurring places in Part 1”

This DR is subsumed by the ISO date/spreadsheet AMD. DR closed without action.

DR 10-0004, “Reference missing from Scope”

There was agreement to add text along the lines of that proposed. However, there were doubts as to whether such a thing can/should go in the Scope. Perhaps the Forward is a better location. Also, as each Part has its own Scope, each Part affected by this (Parts 1, 2, and 4, apparently) should have its own note.

Action: Rex will investigate further and draft a resolution for review by the submitter (CH).

DR 10-0010, “General: reference to non-existent Part”

Agreed with proposal. Moved to “Last Call”.

DR 10-0011, “General: reference to non-existent Part”

Agreed that the references these point to were intended to be Part 3, MCE, which was numbered Part 5 in ECMA-376. Moved to “Last Call”.

DR 10-0012, “Primer: Defining the Geometry”

Agreed that the references these point to were intended to be Part 3, MCE, which was numbered Part 5 in ECMA-376. Moved to “Last Call”.

DR 10-0013, "General: references to proprietary technologies"

Agreed with proposal. Moved to "Last Call".

DR 10-0015, "OPC: Relationship Markup"

After some discussion, we agreed on the general direction of the proposal. Chris will revise his proposal by including an example, removing the term "base URI", and defining the term "source part" in Terms and Definitions.

DR 10-0017, "General: missing normative reference"

After some discussion, progress was made. We hope to close this at the next teleconference.

DR 10-0019, "WML: Complex Field Character"

Agreed with proposal. Moved to "Last Call".

DR 10-0021, "General: "null" namespace in examples"

Agreed with proposal. Moved to "Last Call".

DR 10-0029, "VML, Main: unqualified div elements in v:textbox elements"

Agreed with proposal with the note below added. Moved to "Last Call".

<the final text to be circulated by Chris>

OPC-Related DRs

Regarding OPC, Murata-san presented some slides showing his concerns especially regarding URI, IRIs, and LEIRIs. Afterwards, there was a lengthy discussion on part names containing spaces and/or non-ASCII characters. Members agreed that Murata-san's slides were a great educational tool. As such, Rex asked him to produce a paper containing those slides along with some explanatory text, for distribution to those not present at this meeting, such as other WG4 members, Ecma TC45 (OpenXML), and TC46 (XPS).

6. Proprietary Extensions: Registry or Technical Specifications?

Mario presented N 0156, the paper he wrote (in conjunction with Alex and Dave) on registries. Murata-san introduced the idea of Technical Specifications. There was a lively discussion.

[For more information on registries, see the JTC 1 Standing Document, “Appointment and Operation of Registration Authorities”]

[Action: Chris and Francis will write a summary paper.](#)

7. AMD2 to ISO/IEC 29500-4:2008 (Disallowing ISO 8601 formatted datetime strings in SpreadsheetML cell values)

Gareth gave a brief update of the status of this project.

We agreed on the following timeline:

- 2010-03-26 — Have the SC 34 Plenary authorize a new AMD [project](#) for Part 4
- 2010-09-10 — Have the SC 34 Plenary authorize a new AMD [project](#) for Part 1
- ASAP — Gareth/Chris/Rex to produce the final draft of each AMD
- 2010-11-01 (or earlier) — circulate the final drafts to WG4 for a detailed review
- 2010-11-~~25~~-23 — WG4 teleconference to approve the submission of the draft for ballot
- 2010-12-01 — Start the 3-month PDAM ballot (SC 34)
- 2011-03-01 — End the 3-month PDAM ballot
- 2011-03-28 — Process comments at the Prague, CZ, WG4 meeting (and subsequent teleconference, if necessary)
- 2011-05-15 — Start the 5-month DAM ballot (joint voting)
- 2011-10-15 — End the 5-month DAM ballot
- 2011-11-?? — [If necessary](#), process comments via a teleconference
- 2011-12-01 — Start the [optional](#) 2-month FDAM ballot (joint voting)
- 2012-02-01 — End the [optional](#) 2-month FAM ballot
- 2012-?? — AMDs published

We want both AMDs to have the same timeline, so the one authorized back in March needs to be changed to work under the new Directives. That is, it will have a 3-month PDAM ballot instead of a 4-month FPDAM ballot.

8. Planning for Future Projects

- Rethinking the Use of Amendments for Corrections (WG4 N 0148)

Rex presented his paper, and there was a lively discussion. Francis added insight into why we took the path we did regarding having both a COR and an AMD. No decisions were made, and need not be in the near future. Rex's main point was that he thought that in future, DRs that propose or result in the addition of new features rather than fixing bugs, should be closed without action, and re-submitted as proposals for an AMD.

- 29500 Maintenance (WG4 N 0147)

Rex presented his paper, and there was a lively discussion. There was consensus that having an 18-month publication cycle for CORs and AMDs that address DRs was preferable to a 12-month cycle. Based on the earlier discussion on the COR1/AMD1 conflict, it was determined that resolution of that could not be completed before the end of 2010, as a DCOR has to be drafted and balloted by SC 34 first. As such, the schedule in Rex's paper would need to be delayed 6 months with consolidated reprints being published in mid-2011 rather than late 2010. There was also general agreement that we should publish working drafts of standards and AMDs on an unofficial public website.

Action: Rex will revise his paper for the Beijing meeting, factoring in the feedback from this meeting and the delay needed to resolve the COR1/AMD1 conflict mentioned earlier.

- Revisions

Murata-san lead a discussion focused around doing a revision of Part 3, to remove some features and to clarify numerous things, provided it doesn't break backwards compatibility. There was general agreement that this seemed like a good idea.

Action: Rex will liaise with Ecma TC45 and TC46 regarding this idea.

- DR triage

There was a discussion on how members review or might review the current spec from the point of view of "cleaning up things" and removing some cross-reference tables and information that is duplicated in multiple places.

We also discussed the value of assigning priorities to DR processing.

9. Other Business

- Plenary: Request second AMD for ISO date/SpreadsheetML project

Resolution xx: Project Subdivision for Amendment 2 to ISO/IEC 29500-1: 2008, Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference

SC 34 creates a project subdivision for Amendment 2 to ISO/IEC 29500-1 per Document N xxxx. SC 34 instructs its Secretariat to initiate a three-month PDAM ballot when text is submitted by the Project Editors.

(N xxxx, Cloned from SC34 N 1393)

Project Subdivision Proposal for Amendment 2 to ISO/IEC 29500-1:2008

Title: ISO/IEC 29500-1:2008, Office Open XML File Formats, Part 1, Fundamentals and Markup Language Reference - Amendment 2

Scope of project subdivision: Improvement and clarification of ISO 8601 support in documents of conformance class Strict

Rationale: Improvement in interoperability with respect to date handling in SpreadsheetML.

Timetable: PDAM 2010-12, DAM 2011-05

Project editors: Gareth Horton and Chris Rae.

- Plenary: Modify the process for the first AMD authorized in March

Resolution xx: Change to the Project Subdivision for Amendment 2 to ISO/IEC 29500-4:2008, Office Open XML File Formats -- Part 4: Transitional Migration Features

SC 34 changes the project subdivision for Amendment 2 to ISO/IEC 29500-4 to use the process outlined in the new Directives. Specifically, the Secretariat will initiate a three-month PDAM ballot (rather than a 4-month FPDAM ballot) when text is submitted by the Project Editors, and the timetable is changed to PDAM 2010-12, DAM 2011-05.

- Plenary: Request free availability of ISO/IEC 29500-1:2008/Amd1:2010 and ISO/IEC 29500-4:2008/Amd1:2010

Resolution xx: Free Availability of ISO/IEC 29500-1:2008/Amd1:2010 and ISO/IEC 29500-4:2008/Amd1:2010

SC 34 requests that ISO/IEC 29500-1:2008/Amd1:2010 and ISO/IEC 29500-4:2008/Amd1:2010 be made freely available with the following rationale: Although these amendments contain additions to the corresponding Parts of the standard, they were produced to resolve issues raised in Defect Reports. As such, they are intended to be used like Technical Corrigenda, which are made freely available.

SC 34 instructs its Secretariat to take the necessary administrative action to make these documents freely available.

- Host facilities and support

By acclamation, WG4 expresses its appreciation to Information Technology Standards Commission of Japan (ITSCJ) for hosting the meeting and for providing administrative support. WG4 also thanks Microsoft Corporation for [offering to hosting](#) the social event, [which, unfortunately, was cancelled due to bad weather conditions](#).

10.Future meetings

Face-to-Face Meetings:

The schedule is as follows:

1. 2010-12-06/10, Beijing, CN (~~tentatively~~ WG4 [3 full days](#): Monday, Tuesday, Wednesday ~~morning~~, WG1 ~~Wednesday~~ [Thursday](#) ~~afternoon~~, and WG5 ~~Thursday and possibly~~ Friday)
2. 2011-03-28/04-01, Prague, CZ, following XML Prague (in conjunction with the SC 34 plenary)
3. 2011-06-20/24, Berlin, DE
4. [2011-09-26/30, Busan, KR, \(in conjunction with the SC 34 plenary\)](#)

Teleconferences:

[See <http://www.timeanddate.com/worldclock/meeting.html> for translation of GMT to your time zone. See WG4 document N 0021 for call-in details.]

- 2010-09-30, 14:00 GMT (US/PST 07:00, GB 15:00, DE/DK/FR/CZ 16:00, JP 23:00)
- 2010-10-14, 14:00 GMT (US/PST 07:00, GB 15:00, DE/DK/FR/CZ 16:00, JP 23:00)
- 2010-11-05, 14:00 GMT (US/PST 07:00, GB [14:5:00](#), DE/DK/FR/CZ [15:6:00](#), JP 23:00) [\[This is a Friday\]](#)

- 2010-11-23, 14:00 GMT (US/PST 067:00, GB 145:00, DE/DK/FR/CZ 156:00, JP 23:00) [primarily to push out the AMD2 drafts for PDAM balloting] [\[This is a Tuesday\]](#)

11. Adjournment

Adjourned by unanimous consent at 12:25 on 2010-09-08.