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**Data Management and Interchange
Working Group 2
Metadata**

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JTC 1/SC 32/WG 2
Interim Meeting - Convenor's Report
16-20 November 2009
London, UK

Opening Session

The interim meeting to discuss the work of the JTC 1/SC 32/WG2 Metadata Programme of Work was attended by 22 members representing 5 countries: Japan, China, Korea, United States, United Kingdom and Canada. Members from SC7 WG19 and SC32 WG4 joined the meeting for discussion specific agenda topics as described below. The agenda was reviewed, revised and adopted as WG2 N1320d.

Ray Gates and Frank Farance were appointed as Drafting Committee.

Ray Gates noted that the TC211 is maintaining a list of addresses standards. An action item was taken for Laura Reece (our liaison) to ask them to add 19773 to the list. Horiuchi-san provided an update on CWM 1.2 which was submitted for approval as ISO 19504 via Bypass mechanism is not closed yet. May be withdrawn, waiting for NIST approval.

19773 , 20944, 14957 FDIS Review

Frank Farance, project editor, convened the discussion. It was requested that all the documents be distributed to WG2 for a sneak peak before they go to FDIS.

Re 14957 Notation of the format of data element values: The project editor reported that some of the changes for 14957 that were previously agreed to around the inclusion of 11404 would amount to too much rework to be incorporated, and it was now agreed to defer such changes to the next edition. Canada noted that the disposition of comments (32N1932) and FDIS ballot text (32N1931) had been posted without the sneak peak requested at Jeju. Canada provided the editor with a list of problems with these documents. The editor is requested to issue corrected documents for a sneak peak before the FDIS ballot is issued

19763-3 FDIS

OKABE, Masao projected 2010-01-20; Discuss Ed2 Metamodel framework for Ontology Registration Part 3 was discussed and is on target for FDIS in January. The UK objected that Part 3 is not dependent on CORE model Part 2. WG2 discussed this issue and agreed that Part3 Ed2 can be forwarded to FDIS, independent of Part2. Before FDIS, the second sneak peek is required.

19763-6 MFI Registration Procedure CD1 and Harmonization discussion: Target date 2010-02-01 Identification and Registration issues were discussed. There was discussion about a process for synchronization of registries for registration of ontologies that are maintained external to the registry. WG2 agreed to form a task group of international experts to look into a generic approach for identification and registration. The tentative preference of WG2 is to fold requirements for Part 6 into MDR Part 6 – Horiuchi-san will become editor and report on this in Kunming. Use Bugzilla for exchange of ideas, prepare paper with a WG 2 document number for consideration at the next WG 2 meeting. The document must be posted at least one month before next WG 2 meeting. Frank Farance and Okabe-san are in charge of preparing the paper. This could impact 11179 Parts-5, 6 and 19763-6. Members: Frank Farance, Okabe-san, Horiuchi-san, Laura Reece, Ray Gates, Kevin Keck, Bruce Bargmeyer (possibly Harold Solbrig), Steve Harris, Dan Gilman.

Resolution for Task Group that produces a document that may be input to a new version of 11179-5, and possibly 11179-3, 11179-6 and 19763-6 .

Meeting with WG4 – SQL-MM MDR discussion

Use cases are needed to describe the most common Query and expected results. Denise will contribute use cases from NCI experience and Ray will review.

20943-6 PDTR Expected 2010-02-01 Procedure for Specification of Web Ontology

The specification of web ontology technical report draft was presented and discussed. A resolution was requested by Dong-Won Jeong to change the name to 'Framework for Building Ontologies'. Programme of work will be updated accordingly.

11179-3 Ed 3: FCD Target 2010-01-15; CD2 comments Registry metamodel and basic attributes

Ray Gates completed discussion of comments on CD2 and will update the document to create the FCD by Jan. 15, 2010. A resolution to create Project splits to build new parts for Parts 1(Dan Gillman US), 5(Harold Solbrig US), 6(Ray Gates CA) to align with Ed 3. , and action items to review 2 (Frank Farance US) and 4 (Dan Gillman US) was discussed to see if we need to realign them. This will be presented in Kunming. Discussion of an Edition 4, there may be a proposal for Edition 4 in Kunming.

19763-2 FDIS Metamodel framework for interoperability

Metadata Framework for Interoperability (MFI), Part-2: Core Model

Masaharu Obayashi (JP) led discussion about the CORE model. Baba Paprani (CA) presented results of an analysis of an exercise to validate the CORE Model that pointed out problems in the model that need to be changed. Keith Gordon (UK), Baba Paprani (CA), Okabe Masao (JP) and Masaharu Obayashi met to discuss simplification of Part 2 and determined that parts of 2 and 4 could be combined into "Core model and model mapping". The goal is to provide only the minimal artifacts for registration to achieve mapping of level pairs, not to reconstruct semantics – the purpose is to register models and mappings. Due to the extent of changes, WG2 will request that Part 2 be set to CD for draft to be presented in Kunming, China at WG2 Plenary. Also, a draft resolution was written to request a name change to reflect the new scope and establish Okabe Masao as Project Editor, with co-editors.

19763-4 FDIS Metamodel framework for interoperability

Metadata Framework for Interoperability (MFI), Part-4: Model Mapping

Masaharu Obayashi (JP) led discussion in conjunction with Part 2 discussion. There are parts of Part 4 and 2 that do not fit in the minimal classes that are needed for "Core model and model mapping". These will be reviewed after the new CD for Part 2 is created to see if there is a new Part 4, or a new part, or anything left to put into a standard on Model Selection.

11179 MDR Part 1 Discussion – Frank Farance

Information technology -- Metadata Registries (MDR)

Frank Farance (US) and WG2 experts discussed the need for an updated 11179 to match Ed 3. A resolution was drafted for Kunming.

SC7/WG19 – 19763 RGPS/ODMS and 19793 UML4ODP discussion.

Peter Linington from SC7 presented an overview of 19793. The model is being used in healthcare, aerospace, public electric supply companies and various military projects.

Discussion ensued around whether it makes sense to adopt ODP core reference model and extend it for RGPS or to continue with current models. The RGPS and ODMS editors agreed to

continue to review the ODP core model to align them. Peter agreed to help answer questions. Peter Linington and Antonio Vallecillo from SC7 volunteered and will request from SC7 to become a liaison to WG2. Denise Warzel will be the liaison to SC7 for SC32. WG2 also requested a new liaison with SC38, Frank Farance and Horiuchi-san volunteered. Will be proposed as a resolution in Kunming.

19763-9 ODMS

Wang Jian and Wang Chong presented WG2 N1369 on what ODMS is all about, WG2 N1358 had been presented previously to relate RGPS and ODMS to RM-ODP. The MDR-MFI harmonization meeting report (WG2 N1370) notes should clarify the distinction between model selection in 19763-2 and ODMS in 19763-9. A subsequent decision to restructure 19763-2 and 19763-4 (see Resolution 13 in WG2 N1363) proposes to remove Model Selection from the revise part 2. No decision has yet been made as to what to do with that material. It needs to be looked at together with the work on part 9. The programme of work will show a CD for 19763-9 out of Kunming, but given the above changes that may be optimistic unless interim documents are published between now and Kunming.

Study Period of ROR

Tatsumi Adachi (JP) presented an update of ROR and will create a draft for a new work item (NWI) for Kunming. WG2 experts requested that it be made clear how ROR and RGPS are related.

19763-1 MFI Ed2 Framework Discussion

Metamodel framework for interoperability (MFI) Part-1 Reference Model Horiuchi, Hajime (JP) suggested that a new edition for 19763-1 should be created to reflect the evolution of MFI standards to present programme of work, including changing the wording around e-commerce and e-business to better reflect project scope. A Bugzilla item will be opened to make revisions to the text in 19763-1. WG2 experts agreed and drafted a resolution to be passed Kunming.

19763-5 Discussion of CD Comments and preparation of CD2

Metamodel framework for interoperability(MFI) Part-5: Metamodel for process models registration Yanfang He and Chong WANG led discussion of process models CD comments. WG2 convenor reminded project editors that they can make changes to the text based on comments as long as they document when and how they worked out the solution with the submitting organization/NB and only raise items for discussion that need group input. WG2 experts requested another sneak peak be created of CD2 to incorporate comment resolutions so far, and the disposition of comments document updated to reflect which items have been included in the sneak peek before sending out the CD2 due to the number of comments that needed to be incorporated and reviewed. See action items. WG2 determined that CD2 will need to be balloted before it can progress to FCD and this position will be reviewed at SC 32 Plenary in China. The Programme of work will be updated accordingly.

19763 and 14662, 15944 Discussion

Ray Gates presented WG2 N1360 (Positioning 19763 vs 14662). WG2 generally agreed with the proposed positioning. Bruce Bargmeyer reported that JTC1 has asked SC32 to provide a paper explaining how WG1 and WG2 standards related to each other. SUN Wenfeng (WG1 Convener) has prepared WG1 N0454 to explain WG1 standards. Ray Gates will expand the presentation contained in WG2 N1360 to answer JTC1's request.

19763-3 Canada Comments

Ray Gates presented Canada's feedback on the first sneak peek of FDIS 19763-3 Edition 2.

The editor will incorporate the feedback and produce a second sneak peek.

Open Forum 2010 Discussion

The Open Forum 2010 was discussed, Honorary Chair, and Program Chairs were nominated to develop the program agenda. A theme was discussed and decided, "New Era of Interoperability: Metadata and Registries" as well as a change to the dates to be May 17-18 (Monday/Tuesday), so that WG2 can have 3 additional days for program meetings. An action item to broadcast the change to SC32/WG2 members. The group discussed various other JTC1 and standards bodies that ought to be invited to participate. Assignments were made for contacting these organizations to see if they can attend and make a presentation.

Study Group On Layering Ontologies upon Data Exchange Agreements

Frank Farance led a discussion on the proposal to write a paper depicting experiences and approaches for layering ontologies on data exchange agreements, Datatypes are at a syntax level, are one kind of ontology, but don't convey concepts, or meaning of data. Frank proposed several teleconferences for people to report their experiences which he will write up as a paper. Ray Gates (CA), Okabe Masao (JP), Laura Reece (US) and Denise Warzel (US) expressed interest in being included in the telecon. It was proposed that these calls be held in the 1st quarter of 2010.

FCD 24706-1 Comments

Japan asked for clarification of why this standard is needed. Frank Farance reconstructed a chronology of how it evolved, and committed to ask the project editor, Dan Gillman, for a document that can be posted to the WG2 web site.

Preview Closing Plenary comments

The drafting committee, led by Ray Gates, previewed the closing plenary comments

Discussion on Data Quality

A presentation was given on data quality by Sun Guangzhi, CN. Discussion ensued around the issue of WG2 programme of work and that we should be concerned with data quality standards only as it relates to metadata quality. Standards exist for data quality, many or most are domain specific. Is a general data quality standard needed? A revised proposal will be presented in Kunming that takes this into consideration. A new work item or technical report may be proposed.

20943-5 Procedure for semantic metadata mapping

Tae-Sul Seo proposed (and was accepted) a co-editor Sung-Joon Lim (KR). Ray Gates raised a concern that the semantic metadata mapping procedures should also address Conceptual Domain and Value Domain mappings. Editor agreed, Canada offered to provide editor with input to work up examples that would be included in the PDTR.

19763-5 CD Ballot comments

Chong, WANG led discussion of Part 5 ballot comments. Not all comments were reviewed. The changes will be incorporated into another sneak peek by Jan. 2010 for final CD2 to be produced in Feb. to be balloted by Kunming.

11179-3 Ed3 CD2 Ballot comments

Ray Gates reviewed comments on 11179-3 Edition 3. Ballot comments were discussed and resolutions drafted. A resolution was drafted for approval sneak peek before the meeting in London, at which point a decision as to whether to progress to FCD will

Closing Plenary items

WG2 Programme of Work

WG2 convenor and the Recorder reviewed the current program of work and updated project titles and dates for all WG2 work items. This will be sent to Tim Schoechle for posting on SC32 web site.

WG2 Liaisons

Current Liaisons were discussed and updated to add Warzel as SC7 Liaison. New liaisons will be proposed to SC38 new subcommittee on web services. Horiuchi, Hajime (JP)

2010 Interim meeting

WG4 is holding their interim meeting in San Jose, CA Nov 15-19, 2010 at the Oracle training facilities. Since WG2 and WG4 intend to continue liaison meetings for SQL-MM Part 8 use cases, WG2 will try to co-locate. If the facility cannot accommodate WG2 will try to get meeting space in Boulder, Colorado at NIST to meet Nov 8-12, or the week of Nov 30th.

Open Forum 2010

Yangfan He of China presented an update and overview of the facilities and summary of plans as discussed in earlier session.

NB General Action Items:

Action Items

1. Add 19773 to the list of addresses that are available through TC 211 Geometrics- Liaison Reports: Laure Reece
2. Prepare meeting minutes for MDR and MFI harmonization Nov 12-13 – Done
3. Prepare document of use cases for WG4 SQL MM Part-8, MDR services for WG4 working group (Denise Warzel).
4. Review 11179 Parts 2 (Frank Farance) and 4 (Dan Gillman) to see if we need to realign them with 11179 Ed 3. Results will be presented in Kunming.
5. Ray Gates and Okabe Masao agreed to draft guidelines for use of notation and text to describe models for WG2 standards so that they are consistent in new drafts of standards going forward. Status update will be presented in Kunming.
6. Update WG2 Programme of Work – Done
7. Add Denise Warzel as SC7 Liaison
8. Review definitions of process, service, roles, relations and other terminology used in ODP for applicability in MFI. (RGPS project editors) and rework part 8 (Role and Goal) to align with ODP where possible and appropriate.
9. Validate RGPS with the ODP Library example to validate RGPS. (Linington and RGPS Editors)
10. Create Bugzilla item for 19763-1 section 5.4.3 to update the text around e-business and e-commerce to say 'including' instead of 'through'.

11. Request a letter ballot to change the Open Forum on Metadata 2010 dates to May 17-18, 2010. (WG2 Convenor)
12. Request a letter ballot to change the WG2 plenary meetings from May 19-28 to May 19-28, 2010. (WG2 Convenor)
13. Contact WG4 Jim Melton to discuss whether WG2 can co-locate for 2010 interim meeting in California at Oracle offices. (WG2 Convenor) the week of Nov 15-19.
14. Invite Open Forum 2010 organizations to participate (several assignments)
15. Provide WG2 with justification document explaining the rationale for 24706-1 that can be posted on the WG2 web site. The 2007 Convenor's notes do not make mention of the details around the justification for this project. (Frank Farance)
16. WG2 convenor to circulate Convenor's report before posting to WG2 web site so project editors can make corrections/edits.