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

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Opening Session

The interim meeting to discuss the work of the JTC 1/SC 32/WG2 Metadata Programme of Work was attended by 23 members representing 6 countries: Japan, China, Korea, United States, United Kingdom and Canada. The agenda was reviewed, revised and adopted as WG2 N1446.

Kevin Keck and Bruce Bargmeyer were appointed as Recorder and will share documents on XMDR site until Ray Gates is available to move them to the WG2 site. Document numbers N1405-N1450 were reserved for Kunming meeting.

Laura Reece volunteered to be on the drafting committee with Denise Warzel.

19763-3 FDIS Review
OKABE, Masao Metamodel framework for Ontology Registration Part 3 which passed FDIS ballot. Canada comments were discussed and it was agreed that they would not be resolved for the FDIS.

19763-2 Refactoring
Okabe and Horiuchi presented an overview of the MFI-2 Core Model and recommended all the MFI parts could become specializations of MFI-2. Agreement was reached to make a resolution for project split for new part for MFI-10 Core model and basic mapping, and Part-11 Structured Model Registering.

19763-4 MFI disposition
Masharu Obayashi discussed use of 19763-4 for registration of models by encapsulation. Discussion ensued around the need to stick to the specialization approach agreed to in London. That the roadmap discussion would provide better guidance for where part 4 should go, possibly as a TR to show how to use MFI in Could Computing. A project split for MFI Part-11 was put forth for Structured model registering.

20943-5 Procedure for semantic metadata mapping
Sung-Joon Lim (KR) led discussion. Canada offered to provide the project editor with input to work up examples that would be included in the PDTR. This still needs to be done. A resolution for 20943-5 to progress to PDTR was put forth and approved in Je Ju and work continues on the draft.

Roadmap Discussion
The group agreed to enhance the Business Plan to ensure that WG2 projects are reflected accurately to help develop outreach messaging, as well as to prepare a special report for SC38. WG2 convenor will lead this effort with input from China, US and the other SC32 WGs.

Guidelines on Notation of Models

M. Okabe reported that MFI Part 2 and MFI Part 3 and MDR Part 3 will be done soon, so the project editors will help to develop the guideline for model notation for other parts of MFI and MDR.

19763-8 MFI Role/Goal

The project editor for 19763-8 reviewed the Role/Goal model and reached consensus on what will be included in the scope. The role goal model is to be used with other MFI parts to aid in finding appropriate proceses and services.

19763-7 MFI Services

The group agreed to send Oasis a draft of this standard for feedback and review. Dates for the CD were revised by 6 months. This will be reflected in the programme of work.

Meeting with WG4 – SQL-MM MDR discussion

Use cases are needed to describe the most common Query and expected results. WG2 experts from the US agreed to contribute use cases from NCI experience and Ray Gates from Canada will review. Use cases should be describe as the most common basic Queries, and a few of the advanced search for retrieving semantically related content. Such as search for a data element based on one of its permissible value/value meanings. The use cases should describe which 11179 MDR attributes are used in the query and what 11179 MDR objects are returned.

20943-6 PDTR Expected for 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 of Korea to change the name to 'Framework for generating ontologies based on ISO/IEC 11179-3 Ed 3'. Programme of work will be updated accordingly to reflect name change for the PDTR.

11179-3 Ed 3: FCD Target 2010-12-15;

Resolution was entered to register FDIS pending successful FCD ballot results and disposition of comments. These will be distributed by the project editor prior the interim 2010 meeting for discussion.

11179 MDR Part 6 and 19763 MFI Part 6 Ed 3 Discussion

Horiuchi presented a recommendation for a Registry Profile to be added to MFI Part 6 to support registration of Registry details in the registry of registries. The editor of MFI Part6 is changed from Hajime Horiuchi to Tatsumi Adachi. A revision of MDR Part-6 will be drafted by Tatsumi Adachi of Japan and Ray Gates of Canada. They will look at a potential name change to reflect the Ed 3 scope

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 extend the study period on Integration and Evolution of MDR & MFI standards (Wuhan) for 1 more year.

19763-5 Discussion of CD Comments and preparation of CD2

Metamodel framework for interoperability(MFI) Part-5: Metamodel for process models registration Chong WANG and Peng LIANG of China led discussion of process models revisions based on CD comments. The group discussed the disposition of comments in the context of a refinement of the scope for 19763-5. It was agreed that Part 5 should be a specialization of MFI Part 2, and that all the details of the process model will not be registered in MFI Part 5 but this will be discussed more in the study period meeting on Integration and Evolution of MDR & MFI standards (Wuhan). WG2 experts requested another sneak peak be created CD2 to incorporate discussion for the refined scope and new dates for the CD. The Programme of work will be updated accordingly.

Open Forum 2011 Discussion
The Open Forum 2011 was discussed. The approach for 2011 will be to invite each WG to plan a half day to discuss their standards. A theme will be selected by the convenors, based on ideas solicited from WG convenors, led by WG2 convenor. We will try to find a topic that is cross-cutting and of interest to all WGs. WGs may invite outside experts for presentations. A voluntary facility fee may be requested, along with an event fee to be decided by the WG convenors.

Study Group On Layering Ontologies upon Data Exchange Agreements
WG2 experts agreed to Frank Farance of US request that the study period be extended by 1 year.

FCD 24706-1 Comments
Japan reminded project editor that they had requested 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. The ballot failed/with comments by a vote of 1/1/4/2. A disposition of comments document was requested to be discussed at the WG2 2010 Interim meeting in November.

Preview Closing Plenary comments
The drafting committee, led by Laura Reece, previewed the closing plenary comments and updated the Liaison assignments.

ROR and RPGS
Horiuchi suggested using as a reference for looking at what the attributes for the Registry Profile for ROR would be. Laura Reece will review the HHS Registry profile with regard to USHIK and DoD MDRs and make suggestions for attributes that are useful when registering multiple organizations MDRs in one repository. Report will be made at the WG2 2010 interim meeting in November.

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 given to Tim Schoechle for posting on SC32 web site.

WG2 Liaisons
Current Liaisons were discussed and updated. New Liaison assignments were requested as follows:
 Liaison: Propose an internal liaison with SC7, and nominate Masao Okabe and Denise Warzel as contact

Propose an internal liaison with SC38 and nominate Frank Farance, Hajime Horiuchi, Denise Warzel as contacts

Propose an internal liaison with TC 154 and nominate Frank Farance and Tasumi Adachi

Propose internal liaison with TC 127 SC 3 and nominate H. Horiuchi

Propose internal liaison with ISO/TC 211 and nominate Laura Reece

Propose internal liaison with ISO/TC 215 and nominate Masaharu Obayashi and Denise Warzel

Propose Internal Liaison with DCMI (Dublin Core Metadata Initiative) and nominate Masao Okabe

Propose internal liaison with OGC (Open GIS Consortium) and nominate Laura Reece

Propose internal liaison with OMG (Object Management Group) and nominate Denise Warzel and Masaharu Obayashi

Propose internal liaison with W3C (World Wide Web Consortium) and nominate Denise Warzel and Masao Okabe

Internal liaison with TC 127 SC 3 and nominate H. Horiuchi

Internal liaison with ISO/TC 211 and nominate Laura Reece

Internal liaison with ISO/TC 215 and nominate Masaharu Obayashi and Denise Warzel

Internal Liaison with DCMI (Dublin Core Metadata Initiative) and nominate Masao Okabe

Internal liaison with OGC (Open GIS Consortium) and nominate Laura Reece

Internal liaison with OMG (Object Management Group) and nominate Denise Warzel and Masaharu Obayashi

Propose internal liaison with W3C (World Wide Web Consortium) and nominate Denise Warzel and Masao Okabe

Propose to add OASIS ebXML Registry / Repository WG2 Burce Bargmeyer, H. Horiuchi, Laura Reece, Kevin Keck as passed by JTC1

2010 Interim meeting

WG4 is holding their interim meeting in Redwood Shores, 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 agreed to locate at a hotel closeby.

Open Forum and JTC1/SC32 Plenary 2011

US agreed to tentatively host the meeting in Kona, Hawaii. May 9-20th.

Interim 2012

Germany offered to tentatively host the meeting in Italy.

NB General Action Items:

Action Items
1. SC32 requested a WG2 "Historical Background" document to contribute to the JTC1 Historical Document revision (WG2 Convenor)

2. Add 19773 to the list of Addresses that are available through TC 211 Geometics- Liaison Reports: Laura Reece

3. Prepare document of use cases for WG4 SQL MM Part-8, MDR services for WG4 working group (Denise Warzel and Laura Reece) to present at 2010 Interim meeting.

Basic use case for all classes depicting most common search scenarios (e.g. "search for Data Element by Name"), and the most common "search by related". Provide the URL to tools that perform these searches at NCI and USHIK, and step-by-step execution instructions.

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 2010 Interim.

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. There is still controversy as ot which approach is best, MOF or UML. Masao will present an overview of the two approaches for discussion in November.

6. Update WG2 Programme of Work – Done

7. Update Business Plan - Done

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. Invite all WGs to participate in Open Forum on Metadata 2011 organizations to participate (WG2 Convenor)

12. 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)

13. Create 2-3 slides about WG2 that SC32 Chair can present at JTC1 for S38 and invite other SC32 WGs to review/contribute.
 (WG2 Convenor, China (Chong WANG) and US (Kevin Keck))

14. Assign Judith Newton as 11179 Part-5 Ed 3 editor. (done)

15. Request SC32 to update Liaison document to add external liaison to DAMA International with Judith Newton and Keith Gordon as contacts. This was requested in London but seems to have been overlooked in the updates.