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**ISO/IEC JTC 1/SC 32/WG 2 N1490R1**

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**ISO/IEC JTC 1/SC 32/WG 2**

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

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**JTC 1/SC 32/WG 2**  
**Interim Meeting – Draft Convenor’s Report**  
**15-19 November, 2010**  
**Redwood City, CA, USA**

**Opening Session**

The interim meeting to discuss the work of the JTC 1/SC 32/WG2 Metadata Programme of Work was attended by 20 members representing 6 countries: Japan, China, Korea, United States, United Kingdom and Canada. The agenda was reviewed, revised and adopted as WG2 N147

Ray Gates and Laura Reece were appointed as Recorder and Drafting Committee. Document numbers N1470-N1499 were reserved for Redwood City meeting.

Liaison report from Elisa Kendall from OMG regarding OCL PAS Submission (ISO 19507). The intent is to align these standards for OCL, UML, MOD, XML so they are based on current versions. OCL is going through the process now, the other will be resubmitted. OCL will be under the programme of work of SC 7 WG19. UML 2.4 will be in SC 97. OMG has made comments on 11179 Part 3 Ed 3 but did not submit them on time for formal consideration by project editor.

Liaison report from Denise Warzel on SC 38. SC 38 Plenary was held in NY, Denise presented the parts of 19763 5, 7, 8, 9 and requested that SC 38 not reinvent them but rather point to them and become involved in reviewing the drafts of these standards to ensure that requirements from SC 38 members are being met. The primary focus of the SC 38 WGs (WG1 Web Services, WG2 SOA, WG3 Cloud Computing) are to define the terminology for each, prepare an inventory of existing standards and attempt to identify gaps by the next Plenary which will be held in April in France.

**Open Forum 2011 Discussion**

The Open Forum 2011 was discussed. The US Hosting offer in Hawaii has been confirmed. The Open Forum is May 12-13. The theme is still planned to be for each WG to invite participants to discuss current business environment driving standards development. Denise Warzel, Chair Of Programme Committee will convene a teleconference with the other convenors to discuss the program.

**2011 Interim meeting**

An alternative is Greece proposed by Baba Piprani (CA) or Italy WG3 Joern Bartels (DE). May be a Facility Fee for delegates.

**WG 2 Interim 2012**

Greece proposed by Baba Piprani (CA) or Italy WG3 Joern Bartels (DE).

**11179 Part 3 Ed 3 FCD Comments Review**

Ray Gates led a discussion of ballot comments and made notes/revisions per expert input. Items that could not be resolved within a reasonable period of time for discussion were noted for further discussion using bugzilla. March 30 for FDIS, prior to that Ray will circulate a couple of sneak peaks.

### **19763-10**

Masao Okabe (JP) presented scope and ideas for Core Model and Basic Mapping. We agreed that it should be named “Core Model and Basic Mapping/Transformation” and will address registration of mapping and transformation file. Will revise and post draft for comment in Hawaii. Agenda item should be created to discuss working draft in Hawaii.

### **20943-5 TR Semantic metadata mapping procedure (SMMP)**

Sung-Joon Lim (KR) presented current version of WD. discussion. Revisions discussed at Interim meeting will be incorporated into 20943-5 PDTR and posted by Jan 14, 2011 for a 3-month ballot (close by April 14, 2011), and a draft of disposition of comments could be prepared for discussion in Hawaii after the ballot closes, with possible resolution to move to DTR out of Hawaii.

### **20943-6 TR Framework for generating ontologies**

Dongwon Jeong and Sukhoon Lee led discussion of WD1, editor requests comments on WG2 N1479 by Jan 14, 2011, then will produce PDTR “sneak peak” by March 25, 2011 for discussion in Hawaii. and potential request Resolution to issue PDTR from Hawaii. A name change to “Framework for generating ontologies” was requested and approved.

### **Guidelines for Notation of Models**

Masao Okabe presented discussion on guidelines on notations for models. Recommendation for all parts of a family of standards (e.g. 20943, 19763 and 11179) to be consistent within the family.

### **Information Models**

Keith Gordon(UK) led discussion about the need for a common metamodel for information models. We will propose a subdivision of 19763 (Part 12) in Hawaii. Elisa Kendall suggested that WG2 look at IMM (the new CWM) to ensure that Part 12 is not redundant. IMM will be coming through JTC1 from OMG as a PAS submission.

### **19763-9 On demand model selection (ODMS)**

Zaiwen Feng presented for Jian Wang. Take feedback from group and update the text for WG2 N1203 from 2008 to create a WD2 to circulate no later than March 25, 2011 for discussion in Hawaii.

### **19763-11 Structured model registration**

Masaharu Obayashi (JP) presented an overview of model encapsulation and mapping. The scope of the TR was discussed. A draft of text based on a narrower scope to include only registration of models using encapsulation will be drafted and circulated by March 25 for discussion in Hawaii and consideration of whether this part should continue.

### **Meeting with WG4 – SQL-MM MRA discussion**

Denise Warzel presented 6 use cases to describe the most common Query and format expected results. Dongwon Jeong (WG4) will draft a document to describe the interface to support the use cases and a result document that will be needed by MDRs in order to support these scenarios. Dongwon will request a joint meeting between WG2 and WG4 in Hawaii.

### **19763-5 Metamodel for process registration**

Zaiwen Feng presented for Chong Wang, discussed scope for Part 5 and Part 7, Part 5 will support description of both fine grained and coarse grained processes. These may be at the business process level, or within a service. Metamodel changes were reviewed, the editor produce CD2 by 12-30-2010 for ballot, anticipate request for resolution in Hawaii to produce DIS. Editor will look at part 5 metamodel to figure out how to include annotation with domain specific ontology concepts to describe the "process" (e.g. an attribute with datatype "string" or URI).

### **19763-7 Metamodel for service registration**

Zaiwen Feng presented discussion of Part 7, service semantics. It was agreed that a decision on how to represent the relationships between a process model or service model and goal/role, etc., could not be taken without more scenarios/use cases. More scenarios will be prepared and circulated by December 30 2010, will submit to SC 38 WG 2 SOA, and request that they provide us with feedback at Open Forum on SC32. Editor will look at part 7 metamodel to figure out how to include annotation with domain specific ontology to describe the process (an attribute with datatype "string" or URI). Editor will circulate WD by Jan 15 2011, and sneak peak of CD will be circulated by March 25, 2011 for discussion in Hawaii. Possible request for permission to CD after Hawaii Plenary.

### **11179 MDR Part 1 and 19763 Part 1 Restructuring**

Masao Okabe (JP) and Ray Gates (CA) led discussion for new editions of MDR and MFI part 1 that will describe the scope of MFI in broader context as an interoperability framework that includes registries, and MDR-1 will describe MDRs in the context of MFI-1. A common metamodel for registering the specification/details of registries will be developed. Will submit study period report by March 25, 2011 for discuss. Will request project split in Hawaii for new edition of both parts.

### **11179 MDR Part 6 and 19763 MFI Part 6 Discussion**

Masao Okabe (JP) led discussion. Adachi will submit WD of MFI Part 6 by Jan 14, 2011, and sneak peak of CD by March 25, 2011. The scope of MFI-6 will be to produce a metamodel for repository profile. The scope of MDR-6 will cover the registration of both MFI and MDR models. Ray Gates will produce a WD for MDR-6 by March 25, 2011.

### **19763-8 Role Goal**

Zaiwen Feng led discussion of part 8 role/goal and the changes as a result of Wuhan. It was agreed that the use of domain specific ontology concepts to establish the links between the RGPS parts is needed in all parts of RGPS and editors will look at Part 8 to be sure the connections are being made. New WD2 of Part 8 will be prepared by 12-30-2010 to circulate for comments by Jan 30, 2011. Post sneak-peak of CD by March 25, 2011 for discussion in Hawaii. Then in May Plenary in Hawaii, editor may request resolution to issue CD after Hawaii.

### **24707 Common Logic**

Masao Okabe and Bruce Bargmeyer discussed a study period for Common Logic be formally proposed in SC 32 Plenary in May, 2011 meeting in Hawaii for revision of this standard. The timeline would be to produce a sneak peak of WD by end of January 2012 for comments and by end of March 2012 to produce WD. The group agreed to get a resolution for subdivision (initiation) of Common Logic revision project in Hawaii, with the study period report and the Working Draft reviewed and also to get a resolution of forwarding the WD to CD ballot.

### **Study Period for developing a metamodel for fact based models**

Baba Piprani presented materials about work that is going on in Europe on fact based models. It was agreed to request a resolution for a study period to investigate development of a standard metamodel to support object role modeling notation. The market for this standard and current work will be investigated during the study period.

### **Closing Plenary items**

#### **WG2 Programme of Work**

WG2 convenor has requested updates to the programme of work by Nov 19. 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:

Frank Farance provided this written update from SC 38:

“As SC38 liaison to SC32, at the 2010-09 SC38 Plenary I was asked to advocate harmonization of some of the existing work (SC32) between SC38 and SC32. At the SC38 Plenary, there was interest in some of the existing work that promoted cloud computing (service description, data/metadata transfer API/service -- WG2 and WG3), that promoted service oriented architecture (e-business framework of WG1, service/process description in WG2, database services in WG3 and WG4), and that promoted web services). Over the next two months, I plan on writing a summary for SC38 and SC32 and I would like to contact the convenors, project editors, and other key participants. I look forward to your input and collaboration.”

Liaison: TBD

#### **Acclamations**

The group offered thanks to Bruce Bargmeyer for his leadership and service as SC 32 Chair as he steps down we wish him the best.

Thanks to US and Denise Warzel for arranging the logistics for the meeting.

### **NB General Action Items:**

#### *Action Items*

1. Convene an Open Forum on Data Management and Interchange WG2 program committee:

- US Laura Reece
- JP Hajime HORIUCHI
- KR
- UK
- CA

2. Carry forward a note to create a resolution to change the name of 19763-10 to Core Model and Basic Mapping and Transformation. – Denise

3. Editors should be consistent in model notations within families of standards.

4. Ray Gates has requested NBs to submit changes to the 11179 Part 6, and in particular Registration Statuses and Administrative Statuses by Jan. 28, 2011.

5. Request change of project editor for 24707 Common Logic to Masao Okabe. (Denise)

6. Ray Gates has requested that Kevin Keck will produce examples/rationale for Issue 170, 175 and issue 180, 181 comments from Japan that will explain implications of the two approaches (what's in the FCD versus the changes Japan is asking for by the end of November 2011. Ray will post to Bugzilla to request national body positions by Jan. 14, 2011. Ray will review positions and resolve the comments.

7. Ray Gates has requested to get NB positions on Issue 197 by Jan 14, 2011 on change of class name from Property to Characteristic. This will be done through Bugzilla by Nov. 30, 2011.

8. Meeting attendees paid a Facility Fee of \$131.99.

#### Attendees

Given Name	Family Name	National Body	Organization	Email	Present?
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