OMG Domain Technology Committee  
Friday, September 23rd, 2022  
Burlingame, CA meeting minutes  
OMG document dtc/22-09-08

Attendance:

<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Jason McC. Smith</td>
<td>OMG</td>
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<td>Terrance Milligan</td>
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<td>Juergen Boldt</td>
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<td>Diane Ehramjian</td>
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<td>Steve MacLaird</td>
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<td>Mike Narducci</td>
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<td>Bill Ulrich</td>
<td>TSG, Inc (*)</td>
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<td>Bill Ulrich</td>
<td>Business Architecture Guild (*)</td>
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<td>Ben Calloni</td>
<td>Objective Interface Systems (P)</td>
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<td>Ben Calloni</td>
<td>KDM Analytics (P)</td>
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<tr>
<td>Jennifer Coble</td>
<td>Northrop Grumman (I)</td>
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<td>Louis Eyermann</td>
<td>Department of Navy (G)</td>
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<td>Fernando Garcia</td>
<td>Real-Time Innovations (*)</td>
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<td>Koji Kamei</td>
<td>JARA (D)</td>
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<td>Nick Stavros</td>
<td>Jackrabbit Consulting (*)</td>
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<td>Bobbin Teegarden</td>
<td>OntoAge (*)</td>
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<td>Richard Beatch</td>
<td>Bloomberg LP (D)</td>
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<td>Marcus Richardson</td>
<td>Boeing (P)</td>
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<td>Laura Hart</td>
<td>Lockheed Martin (P)</td>
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<td>J.D. Baker</td>
<td>Sparx Systems (*)</td>
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<td>Claude Baudoin</td>
<td>cebe IT &amp; KM (*)</td>
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<td>Char Wales</td>
<td>Jackrabbit Consulting (*)</td>
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<td>Elisa Kendall</td>
<td>EDM Council (D) and Thematix Partners (P)</td>
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<td>Daniel Brookshier</td>
<td>Dassault Systèmes (P)</td>
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<td>Jim Logan</td>
<td>Dassault Systèmes (P)</td>
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<td>Sandy Friedenthal</td>
<td>INCOSE (*)</td>
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<td>Siyuan Ji</td>
<td>Loughborough University (U)</td>
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<td>Justin Boss</td>
<td>Kratos RT Logic, Inc. (I)</td>
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<td>Sarah Douglass</td>
<td>MITRE (*)</td>
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<td>Manfred Koethe</td>
<td>88solutions (P)</td>
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<td>Andy Mattice</td>
<td>Lexmark (R)</td>
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<td>Fred Cummins</td>
<td>Agile Enterprise Design (D)</td>
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<td>Dalton Clark</td>
<td>Georgia Institute of Technology (U)</td>
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<tr>
<td>Michael Shearin</td>
<td>Georgia Institute of Technology (U)</td>
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<tr>
<td>Ryan Noguchi</td>
<td>Aerospace Corporation (I)</td>
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Comment: Contributing (*) and Domain (D) have voting rights in the DTC, one vote per organization.
Dr. Jason Smith, OMG’s Vice President and Technical Director, determined if the DTC was quorate. Quorum was 7; there were 13 plus eligible DTC voters present. The DTC was called to order at 09:35 a.m. PDT.

First order of business was approval of the June 2022 DTC Orlando meeting minutes (dtc/2022-06-21). Richard Beatch (Bloomberg LP) moved to approve the minutes. Char Wales (Jackrabbit Consulting) seconded the motion. Elisa Kendall (EDM Council) proposed White Ballot. There was no objection to White Ballot. Motion carried.

Second order of business was SUBGROUP REPORTS:

Claude Baudoin (cebe IT & KM) reported on the activities of the Business Modeling and Integration Domain Task Force (BMI DTF):

Highlights from this Meeting
- Provenance & Pedigree Model & Notation (PPMN): John Butler presented the revised submission, DTF voted to recommend, AB review was successful
- Standard Business Report Model (SBRM): voted to re-open the LOI (5 Dec 2022) and submission cycle (initial: 22 May 2023, revised: 28 Aug 2023)
- Significant discussion of strategic/business requirements management
  - Why? Most standards related to requirements address only technical/software/system requirements, there is no common metamodel of higher-level requirements
  - Leading to a discussion paper first before considering a possible RFP
  - Will need to connect to UAF, SysML, VDML, BACM, ReqIF, and work done by ISO and by external architecture groups such as IIBA and others

Deliverables from this Meeting:
Technology Adoption Recommendation(s)
- Provenance & Pedigree Model & Notation (bmi/22-09-01 through -05)

RFP/RFI/RFC Recommendation(s) or Other Recommendation(s) (if SC)
- N/A
Future Deliverables (In-Process):
Technology Adoptions
  - Standard Business Report Model (SBRM) – end of 2023
  - SBVR 1.6 – need to understand what the RTF is doing

RFP/RFI Recommended or Other Recommendations (if SC)
  - Possible RFP on requirements management, following a discussion paper

Liaisons
  - N/A

Agenda Items for the Next Meeting:
  - Continue work on requirements management
  - Update on SBVR 1.6 revision
  - Updates from the various FTFs (BACM, SCE, SDMN, BKPMN, PPMN)
  - Discuss integration or connections across models (UML, SysML, BPMN, etc.)

Sarah Douglass (MITRE) reported on the activities of the **C4I Domain Task Force:**

**Highlights from this Meeting:**
  - OARIS 3.0 Initial Submission Presentation – BAE Systems
  - Hardware Open Systems Technologies (HOST) Overview and awareness – US Navy
  - Presentation / Demo of CMS-SDK based on several C4I DTF Combat management Services (CMS) Standards – BAE Systems
  - C4I DTF Standards and Roadmap discussion
  - Joint Session with Space DTF to discuss UAF and other complementary standards areas across DTFs
  - DevSecOps Information Day Objectives Overview – Abramson, Wilson, Hause
  - Planning for DevSecOps Information Day (March 2023)

**Deliverables from this Meeting:**

**RFP/RFI/RFC Recommendation(s) or Other Recommendation(s) (if SC)**
  - None

**Future Deliverables (In-Process):**
Technology Adoptions
  - None

**RFP/RFI Recommended or Other Recommendations (if SC)**
  - Potential RFI(s) coming after DevSecOps Information Day

**Liaisons**
Agenda Items for the Next Meeting:
- Initial Submissions (DDS Monitoring)
- Continue Roadmap and “Framework” discussions of C4I DTF efforts
- Connection / Relevance between Space and C4I standards
- Considering a name change from C4I DTF to Military and Defense DTF
- Continue Planning DevSecOps Information day (Finalize speakers and agenda)

Jason Smith reported on the activities of the Manufacturing Technology & Industrial Systems Domain Task Force on behalf of the chairs:

Highlights from this Meeting:
- Report from the research Project TRANSFORM (Trusted European SiC Value Chain for a greener Economy) - Damun Mollahassani
- Feedback on PKF from the AIAA-Presentation – Bill Beavin

Deliverables from this Meeting:
Technology Adoption Recommendation(s)
- None

RFP/RFI/RFC Recommendation(s) or Other Recommendation(s) (if SC)
- None

Future Deliverables (In-Process):
Technology Adoptions
- None

RFP/RFI Recommended or Other Recommendations (if SC) none
Liaisons
- ISO SC4, IIC, DTC

Agenda Items for the Next Meeting:
- IIC: Demand for Standards
- PKF

ACTION ITEM: Ms. Diane Ehramjian of OMG to connect the ManTIS DTF with the Responsible Computing (RC) program

Andy Mattice (Lexmark) reported on the activities of the Retail Domain Task Force:

Highlights from this Meeting:
Team voted to extend submission dates for the following efforts to 2023-Q4:
- retail/2019-3-3 - Digital Receipt API v1.0 RFP
• retail/2018-9-9 - UnifiedPOS Fiscal API v2.0 RFP
• retail/2017-9-5 - UnifiedPOS v2 Model and POS Printer API RFP
• UnifiedPOS 1.15.1 RTF (vote to be taken in the DTC)
• UnifiedPOS 1.16.2 RTF (vote to be taken in the DTC)

• Plan for schedule of meetings to achieve critical mass: Retail will join OMG quarterlies
twice per year interspersed with retail team meetings at other events: NRF, EuroShop and
others.
• Beginning greater outreach to improve value for members and contributors.
• Publishing small bites of retail-specific content through LinkedIn group “Retail
Technology Innovation and Standards”

Deliverables from this Meeting:
Future Deliverables (In-Process):
• Submission to resolve issues, UPOS 1.15.1 RTF
• Submission to resolve issues, UPOS 1.16.2 RTF
• Submission of Digital Receipts with Retail Industry Ontology (RIO)

Liaisons
• GS1-US, Sunrise 2027, UnifiedPOS enhancements
• OPOS-J, Digital Receipt, UnifiedPOS 1.16 issues

Agenda Items for the Next Meeting:
• RDTF missing 2022-Q4.
• Next RDTF attendance will be 2023-Q1 in Reston, VA
• Retail industry event including NRF representative panel discussion
• Retail Industry Ontology WG meeting
• UnifiedPOS WG meeting
• New RFP kickoffs

Koji Kamei (JARA) reported on the activities of the Robotics Domain Task Force:

Highlights from this Meeting:
• 11 participants; 7 onsite, 4 online
• JARA and KAR submitted their joint initial draft of RoSO

Deliverables from this Meeting:
• RoSO initial draft (robotics/2022-08-01)

Future Deliverables (In-Process):
• RoSO revised draft (March 2023)
• RoIS 2.0 RFP (March 2023)

Agenda Items for the Next Meeting:
• Kyoto interim meeting in October (as IROS2022 held there)
• Daejeon (or Busan) interim meeting in November (ICCAS2022 at Busan)
• Review of the RoSo revised draft

Ms Kendall of Thematix Partners noted that RoSo stands for Robotic Service Ontology, which brings together a couple of ontologies in the Robotics, space. She noted that she was going to help the Robotics people with otologies.

Justin Boss (Kratos RT Logic, Inc.) reported on the activities of the **Space Domain Task Force:**

**Highlights from this Meeting:**
- Discussed and drafted future RFPs including:
  - Ground Data Distribution Interface (GDDI), including space-2022-09-05 draft FRP
  - Command and Control Message Queue (C2MQ), including space-2022-09-04 draft RFP
- Discussed SDTF participation in Ground System Architecture Workshop event in early 2023
- Met with C4I regarding applicable standards that may apply to Space
- Held discussion of RTF status
- C2MS 1.1 RTF Chair change: Mike Anderson (existing) and Kevin Rice (new)
  - Motion one to replace Jay Bugenhagen with Kevin Rice as NASA voter on the C2MS 1.1 RTF
  - Motion two to replace Jay Bugenhagen with Kevin Rice as co-chair on the C2MS 1.1 RTF

**Deliverables from this Meeting:**
- None

**Future Deliverables (In-Process):**
Technology Adoptions
- N/A

RFP/RFI Recommended or Other Recommendations (if SC)
N/A

**Liaisons**
- None

**Agenda Items for the Next Meeting:**
- Continued collaboration with C4i, including future CUDL RFP
- Further drafting of upcoming specification RFPs

Siyuan Ji (Loughborough University) reported on the activities of the **Mathematical Formalism Domain Special Interest Group:**

**Highlights from this Meeting:**
- Two new Co-Chairs were nominated, elected and appointe
Juergen Gerhard, Senior Director of Research, Maplesoft
Michael Wilkinson, Chief Systems Engineer, BAE Systems Maritime
The Math DSIG homepage has been updated; two new documents posted
SysML Model Transformations Using Relational Orientation
Mathematical Foundations of Transformation of Knowledge into Models and
between Models*
*Presented to Ontology PSIG in meeting on Thursday the 22nd

Deliverables from this Meeting:
Technology Adoption Recommendation(s)
  • N/A

RFP/RFI/RFC Recommendation(s) or Other Recommendation(s) (if SC)
N/A

Future Deliverables (In-Process):
Technology Adoptions
  • N/A

RFP/RFI Recommended or Other Recommendations (if SC)
  • Possibly an RTF or RFP for UPR 2.0, pending the outcome of SysML 2.0

Liaisons
  • Sprint Power Technology Ltd

Agenda Items for the Next Meeting:
  • Review Maplesoft technologies for MBSE
  • Collaboration with Ontology PSIG

The next order of business was SUBGROUP CHARTERS/EXTENSIONS/CHANGES.

Claude Baudoin (cebe IT & KM) moved to charter the Pedigree and Provenance Model and Notation (PPMN) 1.0 Finalization Task Force with the following dates and membership:

Pedigree and Provenance Model and Notation (PPMN) 1.0 Finalization Task Force

Contact: ppmn-ftf@omg.org

TF Chairs: Mr. John C. Butler Dr. Stephen White Mr. Robert Lario
IPR Mode: Non-Assert
### Schedule

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<thead>
<tr>
<th>Event</th>
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<td>Relevant documents:</td>
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<td>bmi/22-09-05 (PPMN revised submission inventory file)</td>
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- **Voting List Deadline**: September 23, 2022
- **Beta 1 Specification Publication**: October 2, 2022
Elisa Kendall (EDM Council) seconded the motion
Richard Beatch (Bloomber LP) proposed White Ballot.
There was no objection to White Ballot.
Motion carried.

The next order of business was the initiation of the TECHNOLOGY RECOMMENDATION polls:

Before the DTC on 23rd September 2022 were the below submissions and reports, and a poll was held for the same:

Joint Pedigree and Provenance Model and Notation (PPMN) revised submission
Joint PPMN Revised Submission Redline
Errata to Joint PPMN Revised Submission
PPMN Metamodel UML XMI
PPMN Library in XMI format based on PPMN metamodel
PPMN Metamodel XML Schema Definition
PPMN Packaging XML Schema Definition
Jason Smith explained that the vote on this technology recommendation will be carried out by email. However, any DTC voting representative here today whose company wishes to vote “Yes” to all the adoptions can pre-register that vote now, and OMG staff will email confirmation of that vote to the registered voter after the meeting. If any member wishes to do anything other than vote “Yes” to all, or subsequently wishes to change its mind about voting “Yes to all”, please wait for the voting form to arrive by email and use it to vote appropriately.

Those who pre-registered a vote IN FAVOUR OF RECOMMENDING ADOPTION of the above submission:


The proposal was made to bundle motions related to deadline extensions and personnel changes. None was opposed.

Char Wales (Jackrabbit Consulting) made the composite motion:

- To extend the revision deadline of the MDMI 2.0 FTF report to 6th December 2022
- To extend the revision deadline of the SCE 1.0 FTF to 31st March 2023
- To extend the revision deadline of the C2MS 1.1 RTF to 31st March 2023
- To extend the revision deadline of the SysPhS 1.2 RTF to 6th October 2023
- To extend the revision deadline of the VDML 1.2 RTF to 15th December 2023
- To extend the revision deadline of the UAF 1.3 RTF to 15th December 2023
- To extend the revision deadline of the UnifiedPOS 1.15.1 RTF to 15th December 2023
- To extend the revision deadline of the UnifiedPOS 1.16.2 RTF to 15th December 2023

Daniel Brookshier (Dassault Systemes) seconded the motion:
Sarah Douglass (MITRE) proposed White Ballot. 
There was no objection to White Ballot. 
Motion carried.

Richard Beatch (Bloomberg LP) made the composite motion:
  • To extend the SCE 1.0 FTF comment deadline to 20th February 2023
  • To extend the VDML 1.2 RTF comment deadline to 31st August 2023

Char Wales (Jackrabbit Consulting) seconded the motion:
Sarah Douglass (MITRE) proposed White Ballot. 
There was no objection to White Ballot. 
Motion carried.

Richard Beatch (Bloomberg LP) made the composite motion:
  • To replace Jay Bugenhagen with Kevin Rice as NASA voter on the C2MS 1.1 RTF
  • To replace Jay Bugenhagen with Kevin Rice of NASA as co-chair on the C2MS 1.1 RTF
  • To add Tibor Zimanyi as IBM voter to the DMN 1.5 RTF
  • To add Ian Zimmerman as IBM voter to the ReqIF 1.3 RTF
  • To add Dalto Clark as GTRI voter to the UAF 1.3 RTF

Sarah Douglass (MITRE) seconded the motion:
Char Wales (Jackrabbit Consulting) proposed White Ballot. 
There was no objection to White Ballot. 
Motion carried.

Sarah Douglass (MITRE made the composite motion to name
  • Elisa Kendall (EDM Council) chair of the FIBO Business Entities 1.2 RTF
  • Elisa Kendall (EDM Council) chair of the FIBO Financial Business and Commerce 1.1 RTF
  • Elisa Kendall (EDM Council) chair of the FIBO Foundations 1.3 RTF
  • Elisa Kendall (EDM Council) chair of the FIBO Indices and Indicators 1.1 RTF

Richard Beatch (Bloomberg LP) seconded the motion:
Char Wales (Jackrabbit Consulting) proposed White Ballot. 
There was no objection to White Ballot. 
Motion carried.

The last order of DTC business was approval of P&P changes. There were three (3) minor changes captured in the AB Process SC Jira project:

  • ABPSC-27 : Clarify AB email vote window
  • ABPSC-30 : Add section 3.3 to include language defining attendance to include online presence
  • ABPSC-42 : Move critical sentence higher for visibility
These issues were approved by the SC July 9, 2022, and resulted in the following updated P&P documents:

P&P 3.5 draft with change bars: pp/2022-09-01
P&P 3.5 clean: pp/2022-09-02

Richard Beatch (Bloomberg LP) moved to the P&P changes resulting in the above documents
J.D. Baker (Sparx Systems) seconded the motion
Claude Baudoin (cebe IT & KM) proposed White Ballot.
There was no objection to White Ballot.
Motion carried.

There being no further business brought before the DTC, it was adjourned at 10:38 A.M. PDT