

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

**Attendance:**

<b>Name</b>	<b>Company</b>
Jason McC. Smith	OMG
Terrance Milligan	OMG
Juergen Boldt	OMG
Diane Ehramjian	OMG
Steve MacLaird	OMG
Mike Narducci	OMG
Bill Ulrich	TSG, Inc (*)
Bill Ulrich	Business Architecture Guild (*)
Ben Calloni	Objective Interface Systems (P)
Ben Calloni	KDM Analytics (P)
Jennifer Coble	Northrop Grumman (I)
Louis Eyermann	Department of Navy (G)
Fernando Garcia	Real-Time Innovations (*)
Koji Kamei	JARA (D)
Nick Stavros	Jackrabbit Consulting (*)
Bobbin Teegarden	OntoAge (*)
Richard Beach	Bloomberg LP (D)
Marcus Richardson	Boeing (P)
Laura Hart	Lockheed Martin (P)
J.D. Baker	Sparx Systems (*)
Claude Baudoin	cebe IT & KM (*)
Char Wales	Jackrabbit Consulting (*)
Elisa Kendall	EDM Council (D) and Thematix Partners (P)
Daniel Brookshier	Dassault Systèmes (P)
Jim Logan	Dassault Systèmes (P)
Sandy Friedenthal	INCOSE (*)
Siyuan Ji	Loughborough University (U)
Justin Boss	Kratos RT Logic, Inc. (I)
Sarah Douglass	MITRE (*)
Manfred Koethe	88solutions (P)
Andy Mattice	Lexmark (R)
Fred Cummins	Agile Enterprise Design (D)
Dalton Clark	Georgia Institute of Technology (U)
Michael Shearin	Georgia Institute of Technology (U)
Ryan Noguchi	Aerospace Corporation (I)

Comment: Contributing (\*) and Domain (D) have voting rights in the DTC, one vote per organization

- (P) Platform no voting rights
- (U) University no voting right
- (I) Influencing no voting right
- (G) Government no voting right
- (T) Trial no voting right
- (NM) non-member, no voting rights
- (R) Retail, no voting rights

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**

- None

**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 Ehranjian 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 22 nd

**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-fff@omg.org](mailto:ppmn-fff@omg.org)**

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

## Schedule

Event	Date	Notes
		<i>Relevant documents:</i>
		<a href="#"><u>bmi/22-09-05</u></a> (PPMN revised submission inventory file)
		<a href="#"><u>bmi/22-09-04</u></a> (PPMN Metamodel XML Schema Definition)
		<a href="#"><u>bmi/22-09-03</u></a> (Errata to Joint PPMN Revised Submission)
		<a href="#"><u>bmi/22-09-01</u></a> (Joint Pedigree and Provenance Model and Notation (PPMN) revised submission)
		<a href="#"><u>bmi/22-08-17</u></a> (PPMN Ontology)
		<a href="#"><u>bmi/22-08-15</u></a> (MDZIP file of Parties Model (PM) metamodel and library)
		<a href="#"><u>bmi/22-08-14</u></a> (MDZIP file of PPMN metamodel and library)
		<a href="#"><u>bmi/22-08-13</u></a> (Parties Model (PM) Diagram Interchange in XML Schema)
<a href="#"><u>Base document(s)</u></a>		<a href="#"><u>bmi/22-08-12</u></a> (Parties Model (PM) Library in XML format based on Parties Model metamodel)
		<a href="#"><u>bmi/22-08-11</u></a> (Parties Model (PM) Packaging XML Schema Definition)
		<a href="#"><u>bmi/22-08-10</u></a> (Parties Model (PM) Metamodel XML Schema Definition)
		<a href="#"><u>bmi/22-08-09</u></a> (Parties Model (PM) Library in XML format based on Parties Model metamodel)
		<a href="#"><u>bmi/22-08-08</u></a> (Parties Model (PM) Metamodel UML XMI)
		<a href="#"><u>bmi/22-08-07</u></a> (PPMN Diagram Interchange in XML Schema Definition)
		<a href="#"><u>bmi/22-08-06</u></a> (PPMN Library in XML format based on PPMN metamodel)
		<a href="#"><u>bmi/22-08-05</u></a> (PPMN Packaging XML Schema Definition)
		<a href="#"><u>bmi/22-08-03</u></a> (PPMN Library in XMI format based on PPMN metamodel)
		<a href="#"><u>bmi/22-08-02</u></a> (PPMN Metamodel UML XMI)
<a href="#"><u>Voting List Deadline</u></a>	September 23, 2022	
<a href="#"><u>Beta 1 Specification Publication</u></a>	October 2, 2022	



<u>FTF Comments due</u>	March 24, 2023
<u>FTF Report Due Date</u>	August 28, 2023
<u>FTF Recommendation and Report Deadline</u>	October 6, 2023

### **Voting List:**

<b>Company</b>	<b>Voter</b>
88solutions	<u>Mr. Pete Rivett</u>
Auxilium Technology Group	<u>Mr. John C. Butler</u>
BPM Advantage Consulting	<u>Dr. Stephen White</u>
Department of Veterans Affairs	<u>Mr. Thomas Beale</u>
Infinity Technology Incorporated	<u>Mr. Yvon Lacasse</u>
MEGA International	<u>Mr. Antoine Lonjon</u>
Mayo Clinic	<u>Dr. Davide Sottara</u>
NIST	<u>Mr. Evan K. Wallace</u>
Sparx Systems	<u>Mr. James D. Baker</u>
Thematrix Partners LLC	<u>Mrs. Elisa F. Kendall</u>
University of Utah	<u>Mr. Robert Lario</u>

Elisa Kendall (EDM Council) seconded the motion  
 Richard Beatch (Bloomer 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	bmi/22-09-01
Joint PPMN Revised Submission Redline	bmi/22-09-02
Errata to Joint PPMN Revised Submission	bmi/22-09-03
PPMN Metamodel UML XMI	bmi/22-08-02
PPMN Library in XMI format based on PPMN metamodel	bmi/22-08-03
PPMN Metamodel XML Schema Definition	bmi/22-09-04
PPMN Packaging XML Schema Definition	bmi/22-08-05

PPMN Library in XML format based on PPMN metamodel	bmi/22-08-06
PPMN Diagram Interchange in XML Schema Definition	bmi/22-08-07
Parties Model (PM) Metamodel UML XMI	bmi/22-08-08
Parties Model (PM) Library in XML format based on Parties Model metamodel	bmi/22-08-09
Parties Model (PM) Metamodel XML Schema Definition	bmi/22-08-10
Parties Model (PM) Packaging XML Schema Definition	bmi/22-08-11
Parties Model (PM) Library in XML format based on Parties Model metamodel	bmi/22-08-12
Parties Model (PM) Diagram Interchange in XML Schema	bmi/22-08-13
MDZIP file of PPMN metamodel and library	bmi/22-08-14
MDZIP file of Parties Model (PM) metamodel and library	bmi/22-08-15
Inventory	bmi/22-09-05
PPMN Ontology	bmi/22-08-17

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:

- Agile Enterprise Design, EDM Council, cebe IT & KM, Business Architecture Guild, TSG, Inc.

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 Beach (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 Beach (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 Beach (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