

Architecture Board (AB)

Architecture Board

- **Recommended for Issuance (RFP)**
 - Statistical Metadata Interoperability RFP
- **Recommend to Issue for public Comments (RFC1):**
 - ESSENCE v2.0 RFC 1st reading
 - System Package Data Exchange (SPDX) v3.0 RFC 1st reading
- **Recommend for Adoption (RFP-Submission; RFC2; xTF Report):**
 - xTF Reports:
 - PSUM 1.0 FTF2 Report
 - DDS Security 1.2 RTF Report
 - RAAML 1.1 RTF Report
 - Digital Receipt API Specification 1.0 FTF report
 - xTF Report subject to report re-issue (intermediate Betas):
 - Shared Data Model and Notation (SDMN) 1.0 FTF report
- **Hold for final ballot; take to email vote**
 - Specification Common Elements (SCE) 1.0 FTF 2 Report
- **Charter FTF2; no TC adoption vote on Beta2; change bars to follow; vote to publish Beta2 (baseline)**
 - SysML v 2.0 FTF report
 - KerML v1.0 FTF1 report
 - Systems Modeling API and Services (SystemsModelingAPI) 1.0 FTF
- **AB Review and Guidance (RFP Initial Submission)**
 - RoiS V 2.0 INITIAL SUBMISSION

• In Preparation

- Procedural guidelines for complying with P&P under various scenarios
- P&P themselves unchanged but we may tighten some aspects for clarity
 - E.g. all changes must be identifiable against Jira # in Change Bars document

• Process Notes

- FTF2
 - Do not need a public comment period (new template to follow)
 - Baseline for FTF2 is always Beta spec output form FTF1 (per P&P)
 - New type of TC Vote to vote for publication of an intermediate Beta (usually Beta2) as baseline for FTF2
- Text based change management / Model originated spec change management
 - Intermediate betas (e.g. for ballots redlining) MUST also be included as documents in xTF Report

• AB By-Elections:

- AB member retired (Roy Bell) leaving vacant another Domain seat
- By-election for seats not filled:
 - 2 Domain (to Dec 2025)
 - 2 Platform (to Dec 2024)
- Nominations open; closing Thursday 9 May
 - If >2 nominations (for either seat type) then voting process in June QM
 - If 2 or fewer, seated immediately by acclamation
 - Just in time for AB Reviews homework

AB Process Subcommittee

AB Process Change Management Subcommittee (ABPSC)

- **Highlights from this Meeting:**
 - Jira process for ABPSC
 - Document Production and LaTeX
 - Manfred and Jason tools updates
 - How deployed
 - Usage scenarios and options for TF Chairs
 - FTF2 Baselineing
 - Align P&P requirements and Beta2 spec availability
 - New kind of TC Vote
 - Guide to Requirements
 - Distinct from RFP Checklist; covers language for RFP drafting
 - Pre-RFP Checklist
 - Ready for sign-off at next monthly meeting

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- **Deliverables from this Meeting:**
 - N/A
 - **Future Deliverables (In-Process):**
 - RFP Checklist: ready for review and sign-off
 - LaTeX toolset
 - Text Origination Procedure manuals / guides
 - Templates
 - Jira ballots to close out items already done / going forward
 - **Agenda Items for the Next Meeting:**
 - Change Management / Written procedures and guides
 - Searchable resource for specs, terminology etc.
 - Task Force and SIG Roadmaps
 - **Monthly Meetings: 3rd Monday, 12 noon ET / 9am PT (or new time?)**
 - Guide to Requirements Writing
 - LaTeX and change management
 - Jira triage and actions (<https://issues.omg.org/browse/ABPSC>)

Certification AB Subcommittee

Certification SC

- **Highlights from this Meeting:**

- BPM+ certification still seeking funding – contact Terrence at milligan@omg.org
 - Questions drafted
- UAF certification discussion (no big change but there is progress)
 - Model User exam question writing
- SysML v2
 - Created the SysML Certification WG under the System Modeling Managed Community
- OCEB2/BPM2
 - Work continues at a good pace
- CISQ Dependable Developer
 - Based on Automated Source Code Quality Measures specification
 - Preliminary work has begun

- **Deliverables from this Meeting:**
 - Status report – cert-24-03-01
 - Certification plenary presentation – cert-24-03-02
 - Certification SC meeting minutes – cert-24-03-03
 - Dependable Developer Status – cert-24-03-04
- **Future Deliverables (In-Process):**
 - None
- **Liaisons**
 - None at this meeting.
- **Agenda Items for the Next Meeting:**
 - BPM+ Status
 - UAF Status
 - SysML v2 status
 - CISQ – Dependable Developer Certification
 - OCEB 2 Foundation

Liaison AB Subcommittee

Liaison ABSC

- **Highlights from this Meeting:**

- Liaison updates
 - Steve MacLaird: liaisons update and nature of each relationship (MoU etc.)
 - Data Foundation; Wireless Innovation Forum; CCSDS; INCOSE; The Open Group
 - The Open Group: discussion on additional sub-groups
- ISO Liaisons
 - Liaisons categories clarification
 - Current liaisons reviews / updates
 - New Liaison request (ISO TC211: geographic information)
- ISO PAS Process
 - Has its own point person (not the same as an ISO Liaison) – MB to coordinate with them
 - CISQ: Flow Measures – next steps
 - CISQ: Updates to ISO 5055
- Language: ISO v OMG House Style and requirements (US v UK English)
 - Discussion; need to do more research
- Metaverse Standards Forum update
 - Source of Use Cases for TFs consideration
 - Action to populate Standards Registry with relevant OMG Standards

- **Deliverables from this Meeting:**

- Liaisons Table: [liaison/24-03-01](#) (to follow)

- **Open Questions and Actions**

- Does any Task Force or SIG have a need for the ISO TC211 Geographic Information liaison?
- The Open Group: any interest in ArchiMate or Architecture TOG Groups?
- Healthcare and HL7: Review requirement
 - Liaison remains relevant to OMG's BPM+ Family of standards
 - Also links to whether we retain Healthcare DTF
- Metaverse: please let us know of any specifications of relevant to add to MSF Registry

- **Future Deliverables**

- Liaisons Table
- Reciprocal memberships list

- **Agenda Items for the Next Meeting:**

- Regular reports from each active liaison representative
- PAS updates and any open actions (CISQ etc.)
- Actions on relationships where liaison needed but not filled
- Metaverse standards

Specification Management AB Subcommittee

Specification Management ABSC

- **Highlights from this Meeting:**
 - Reviewed Publication Plan (smc/2024-03-01)
 - Updates to FTF and RTF statuses
 - Formal queue review
 - Specifications awaiting SMSC vote
 - SMSC checklist to be used
 - Apportioned review actions
 - Reviewers provide feedback in 2 weeks
 - Take to email vote then

- **Deliverables from this Meeting:**

- New procedure for SMSC Votes for Publication using checklist document

- **Future Deliverables (In-Process):**

- SMSC Votes for publication

- **Agenda Items for the Next Meeting:**

- FTF/RTF Processes updates
- Formal queue review
- Votes for publication

Foundations AB SIG

Domain Technology Committee

DTC

Business Modeling & Integration (BMI) DTF

Business Modeling and Integration (BMI) DTF

- **Highlights from this Meeting:**

- Met on Monday, plus a short session on Wednesday to vote on the SMI RFP
- Reviewed the proposed **Statistics Metadata Interoperability (SMI) RFP**
 - Objective: metamodel/schema to facilitate discovery and understanding of stats datasets
 - Had issues with the lack of a clear list of requirements – and the AB agreed
 - The authors made significant revisions and BMI recommends issuance (bmi/24-03-05)
- Presentation by Fred Cummins on **Systems Dynamics** (stock-and-flow models)
 - We started to put together material for an RFI
 - Serious concerns about requesting a new modeling language vs. identifying what is missing (if anything) in SysML and possibly other specs
- Update on the **Business Architecture Core Metamodel 1.1 RTF** (Jim Rhyne)
- Difficulty in obtaining other updates on current FTFs or RTFs
 - Raised the issue with Mike Bennett
 - Don Chapin sent an e-mail about the (minimal) progress of SBVR
 - A couple specs initially requested by the BPM+ Health people face an unclear fate due to that group leaving OMG to move under HL7

Business Modeling and Integration (BMI) DTF

- **Deliverables from this Meeting:**

- Recommended the issuance of the Statistics Metadata Interoperability RFP

- **Future Deliverables (In-Process):**

- Standard Business Report Model (SBRM): revised submission date is 13 May 2024
- RTF / FTF reports: DMN 1.5, SBVR 1.6, SDMN 1.0, KPMN 1.0
 - (SCE 1.0 and PPMN 1.0 FTF reports may already have been submitted)

- **Liaisons**

- N/A

- **Agenda Items for the Next Meeting:**

- Revised SBRM submissions: presentation, discussion, vote or date reset
- More updates on RTFs and FTFs (when their co-chairs are willing...)
- Requesting a joint meeting with ADTF and SysEng to present the Systems Dynamics approach (esp. as it relates to complex business systems) and discuss how to address it
- Work on an RFI on the above subject, if there is a consensus that it is appropriate
- Resume work on strategic (business) requirements management?

C4I (Defense & Military)

DTF

C4I (Defense and Military) Domain Task Force

- **Highlights from this Meeting:**

- C4IDM General Session Monday AM

- Continued work on a Tactical Display Configuration Settings RFP
- Support / participate in UAF Summit (Wednesday)

- MOSA Enabling Environment (EE) Working Group

- Review of work done since the last meeting during working meetings
- Great discussion on objectives and direction of effort, approaching consensus on steps

- DevXOps Working Group

- Continued draft RFP for a DevXOps framework and related terms, elements and vocabulary
- “Full Draft” expected for June meeting
- Tuesday - Advancing Essential System Development & Security With DevSecOps Standards
 - Keep look out for video if interested

- **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
 - DDS Status Monitoring – Revised Submission – June 2024
- RFP/RFI Recommended or Other Recommendations (if SC)
 - Draft RFP for DevXOps Framework and Terms
 - Draft RFP for Tactical Display Configuration Settings

- **Liaisons**

- None

- **Agenda Items for the Next Meeting:**

- Host another DEMI Joint meeting?
- DevXOps Standards Working Group – Review / “Finalize” Draft RFP
- MOSA Enabling Environment Working Group
- DDS Status Monitor update and possible demo
- Joint meeting with Space DTF
- Drafting RFP for Tactical Display Configuration Settings

Financial Sector DTF

Financial Sector DTF

- **Highlights from this Meeting:**
 - FIGI (Financial Instrument Global Identifier)
 - Worked on Jira issues FIGI 1.2 RTF to update selected issues
 - Update on “Semantic Types”
 - Briefing on Digital Sustainability project
- **Deliverables from this Meeting:**
 - None
- **Future Deliverables (In-Process):**
 - RFI for Semantic Types
- **Liaisons**
 - Discussions with EDM Council about collaborations on AI (underway), Registration utilities, marketing
- **Agenda Items for the Next Meeting:**
 - FIGI
 - Semantic Types
 - Digital sustainability reporting

Government DTF (Gov DTF)

Healthcare DTF

Manufacturing Technology & Industrial Systems (ManTIS) DTF

ManTIS DTF

- **Highlights from this Meeting:**

- SysLMA (SysML extensions for Logistics Modeling) RFC 3rd draft (Conrad Bock, NIST)
<http://doc.omg.org/mantis/2024-03-01>
- SysLMA RFC presentation (Conrad Bock, NIST)
<http://doc.omg.org/mantis/2024-03-02>
- MBE collaboration standardization - Report on results from GfSE Digital Engineering Collaboration Workshop (Uwe Kaufmann, GfSE)
<http://doc.omg.org/mantis/2024-03-03>
- The Need for Standardizing Data Connection for Collaborative Development of Complex Systems in Digitized Industries (Dr. Christian von Holst, John Deere)
<http://doc.omg.org/mantis/2024-03-04>
- Product Knowledge Framework (PKF) update (William Beavin, BOEING)
<http://doc.omg.org/mantis/2023-12-03>

RFP discussion

- Initial discussion of an RFP for a Collaborative Advanced Specification, Content, and Data Exchange (CASCADE)
- Background:
 - GfSE SpecIF (Specification Integration Facility)
<https://specif.de>
<https://github.com/GfSE/SpecIF>
 - prostep ivip's DDP (Digital Data Package) <https://www.prostep.org/projekte/digital-data-package-ddp>
- June 2024: discuss draft RFP in ManTIS
- Sep 2024: issue RFP

- **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)
 - RFP for

- **Liaisons**

- ISO SC4, IIC, DTC

- **Agenda Items and Interest for the Next Meeting(s):**

- Discuss RFP with the Foundation ABSIG about foundational aspects of metamodeling
- Discussion of a PKF (Product Knowledge Framework) RFP following the PKF RFI
- Reach-out to / collaboration with related groups:
 - Digital Twin Consortium – Manufacturing WG
 - MoSSEC / LOTAR
 - OpenMBEE / MMS
 - INCOSE DEIXWG, ...

Retail DTF

Retail Domain Task Force

- **Highlights from this Meeting:**

- Team voted to extend the following work in progress items to reach final submission in the 2025-Q2 meeting. Initial submissions extended to February, 2025 and final submission to August, 2025
 - [Digital Receipt JSON Document RFP](#)
 - [UnifiedPOS Fiscal API 2.0 RFP](#)
 - [UnifiedPOS V2 Model And POS Printer API RFP](#)
- Digital Receipt API v1 submission led by Tadashi Furuhashi
- Topics discussed:
 - Fiscal API handling of service fees, tips and donations
 - UnifiedPOS 2.0 impact on device suppliers and value prop for retailers
 - Retail Industry Ontology (RIO) diagrams and documentation
 - Ideas to improve community engagement
- New GS1-US relationship requires attention
- 2024-Q2 meeting in June will mostly be skipped by Retail DTF, intending to focus greater attendance on 2024-Q3 meeting in September.

- **Deliverables from this Meeting:**
- **Future Deliverables (In-Process):**
 - Digital Receipts Payload (UPOS 2.x Fiscal API compatible)
 - Retail Industry Ontology (RIO)
 - Fiscal API
- **Liaisons**
 - OPOS-J, Digital Receipt API v1

Robotics DTF

Robotics DTF

- **Highlights from this Meeting:**

- 6 participants (hybrid)
- Reviewed RoIS 2.0 initial draft submission.
 - Presented at Thursday's AB meeting. (robotics/2024-02-01)
 - Summarized in robotics/2024-03-05
 - Future submission to be synchronized with RoSO 1.0 FTF and other ontologies.

- **Future Deliverables (In-Process):**

- RoIS 2.0 revised submission (September 2024)
- RoSO 1.0 FTF final report (December 2024)

- **Agenda Items for the Next Meeting:**

- Next not fixed but planned at Chicago. (may not have Las Vegas meeting)
- Review RoIS 2.0 revised draft.
- Review RoSO 1.0 FTF comments and final report draft if submitted.

Space DTF

Space Domain TF

- **Highlights from this Meeting:**

- Continued submission response for GDDI RFP
- Reviewed our involvement at Ground System Architecture Workshop conference
- Discussed and created issues for alarm priority alignment across Space specifications
- Held discussion of RTF status and future RFPs

- **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)
 - N/A
- **Liaisons**
 - None
- **Agenda Items for the Next Meeting:**
 - Potential RTF submissions for Vegas meeting
 - Continuing drafting/submission of upcoming specification RFP (C2MQ)

Mathematical Formalism (Math) DSIG



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Systems Engineering DSIG

Systems Engineering Domain Special Interest Group

Tuesday 1:00 – 5:00 PM

Approximately 47 attendees

Functional allocation and micro-electronics - Mark Malinoski

- describes Siemens approach using Arcadia/Capella to specify micro-electronics

Use of SysML in Support of Automated Test – Greg Brown

- describes NI approach to specify Automated Test Equipment (ATE) and test procedures

RAAML Overview and Update – Andrius Armonas, Tomas JUKNEVIČIUS, Kyle Post

- describes update including reliability block diagrams and general security that are being incorporated into RAAML 1.1

DoD SysML v1 to v2 Transition Guidance Project – Daniel Hetteema / Frank Salvatore

- summarizes results of 1 year SysML v1 to SysML v2 transition guidance project sponsored by the DoD office of Digital Engineering, Modeling and Simulation



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BREAK
Return at
am US/Eastern

Platform Technology Committee

PTC

Analysis & Design PTF (ADTF)

Analysis & Design Task Force

- **Highlights from this Meeting:**

- Chas Galey: UML3 RFI presentation on defining value proposition, adoption approaches and refining UML3 RFI questions and outbrief
- AI PTF: Ontology PSIG plans for the API4KP RTF(s) presentation
- Damun Mollahassani: Support for Analysis and Design by Constraint Propagation Techniques presentation
- Konstantin Oppl: UML for software on quantum computers
- Steve MacLaird: OMG Introduction with Focus on Space Systems
- Ed Seidewitz: RFC for Essence 2.0: Removing the Limitation of Essence to Software Engineering
- Manfred Koethe: Agent and Event Metamodel and Profile Update
- Nick Mansourov: SysML Profile for Effective Cyber Threat Risk Assessments (SPECTRA)

- **Motions Passed**

- Set a new revised submission date of 13 May 2024 for the Agent and Event Metamodel and Profile (AMP and EMP)
- Issuance of an RFC by the PTC for the Essence 2.0 proposal

- **Deliverables from this Meeting:**
 - Technology Adoption Recommendation(s)
 - N/A
 - RFP/RFI/RFC Recommendation(s)
 - Essence 2.0 RFC recommendation

- **Future Deliverables (In-Process):**
 - Technology Adoptions
 - AMP & EMP final submission: May 13, 2024
 - RFP/RFI Recommended
 - N/A

- **Agenda Items for the Next Meeting:**
 - Agent and Event Submission presentation
 - UML 3 RFI

Architecture-Driven Modernization (ADM) PTF

Architecture Driven Modernization PTF

- **Highlights from this Meeting:**

- SPDX 3.0 SBOM RFC – Bob Martin
 - RFC 1st Reading Recommended by AB, watch this plenary...
- Discussion of bridging Technology and Business ecosystems – Bill Ulrich
- Update on SPMS 1.3 RTF – Jason McC. Smith
 - Comment deadline on Monday Mar 25, 2024
 - RTF deadline immediately after Q2
 - Eight minor issues

- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s)
 - N/A
- RFP/RFI/RFC Recommendation(s)
 - SPDX 3.0 SBOM RFC (1st reading)
 - SPDX 3.0 Overview admtf/24-03-14
 - SPDX RFC specification document admtf/24-03-15
 - SPDX RFC specification document with change bars admtf/24-03-16
 - SPDX RFC specification document w/o Section 0 admtf/24-03-17
 - machine-readable ontology.rdf.ttl zip file admtf/24-03-18
 - SPDX 3.0 - SPDX_SVG_files zip file admtf/24-03-08
 - Cover letter admtf/24-02-05
 - Inventory admtf/24-03-19
 - SPDX_Model_File admtf/24-03-10

- **Future Deliverables (In-Process):**

- Technology Adoptions
 - N/A
- RFP/RFI Recommended
 - N/A

- **Agenda Items for the Next Meeting:**
 - Report on email conversation re: Technology/Business specification bridging opportunities

Artificial Intelligence (AI) PTF

Artificial Intelligence PTF

• Highlights from this Meeting

- Met on Tuesday
- Briefly joined the EKG PTF to hear about collaboration opportunities
- Xephor Solutions presented a proposal to develop an RFP for a **UML model of neural networks** (architecture, topology, depth, synapse parameters, etc.)
- Davide Sottara (Mayo Clinic) presented on the potential roadmap for **API4KP**
- Karl Gosejacob presented on “AI Patents in Disguise”
 - New trend not to mention AI explicitly in a patent application
- Fred Cummins presented on Systems Dynamics (repeat of the BMI DTF presentation)
 - Relevance to AI is not clear to some of us, although it may have a connection to agents
- Lisa Schenkewitz (IBM) presented the plan and outline of a Cloud Working Group discussion paper on “AI in the Cloud”
- “ Will be submitted to the AI PTF for approval in June or September

Artificial Intelligence PTF

• Deliverables from this Meeting

- None, other than meeting notes and presentations to be posted

• Future Deliverables (In-Process)

- RFP on a UML model of neural networks (led by Xephor)
- A discussion paper synthesizing the various presentations given by Karl Gosejacob?
- A draft knowledge graph of AI (need to find a *simple*, free/cheap collaborative tool)?
- Also discussed using MVF to represent the AI vocabulary – *no progress*

• Liaisons

- IEEE Standards Association P3123 WG, AI Terminology & Data Formats – slow work

• Agenda Items for the Next Meeting

- Need a new co-chair!
- Collaboration with the other consortia in the OMG family
- Initial work on drafting an RFP for a model of neural networks
- AI taxonomy / knowledge graph / ontology
- Update from NIST on ML ontology for industry (unclear: no-show at several meetings)
- Report on AI IP/legal issues from Karl Gosejacob
- Strategy/tactics to recruit new PTF members (esp. AI vendors)

Enterprise Knowledge Graph (EKG) PTF

Enterprise Knowledge Graph PTF

- **Highlights from this Meeting:**

- Update on charter and Managed Community
- Roadmap and Liaisons with other OMG Task Forces and SIGs
- RFC for Semantic Data Products: review, mechanics and timing
- Being developed by EKG Managed Community
- Ontology PSIG plans for the API4KP RTF(s) -- Davide Sottara (Mayo Clinic)
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- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s)
 - N/A
- RFP/RFI/RFC Recommendation(s)
 - N/A

- **Future Deliverables (In-Process):**

- Technology Adoptions
 - RFC for Semantic Data Products
- RFP/RFI Recommended
 - N/A

- **Liaisons**

- EKG Forum Managed Community
- EDMC Cloud Data Management Capabilities group

- **Agenda Items for the Next Meeting:**

- RFC for Semantic Data Products – potentially issue RFC
-



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Middleware & Related Services (MARS) PTF

MARS – Middleware And Related Services

- **Highlights from this Meeting:**

- Received status updates on:

- DDS C# API: extended 2 meetings to Chicago
- IDL4 to Python Language Mapping : extended 2 meetings to Chicago
- TCP/IP PSM for DDS : extended 2 meetings to Chicago

- Progress Report on CCM V5 RFC effort

- Expect to have an RFC ready for 1st reading and issuance in June 2024 (Las Vegas)

- Status Report on CORBA 3.5 RTF

- Coupled with CCM V5 RFC (a product of the RTF)

- Status Report on IEF RA 2.0 RFC

- Is about 60% done but suffering from lack of human resources. Expect to submit for issuance this September 2024 (Chicago).

MARS – Middleware And Related Services

- **Highlights from this Meeting (cont.)**

- Adjusted initial submission deadline for Enterprise Resource Metadata Attributions (ERMA) RFP to align with current date for September meeting in Chicago: August 12th 2024.
- CORBA WG: Worked on CORBA 3.5 RTF
- FACE Interop WG: Provided a brief update on proof of concept status
- IEF WG: new members participated; picked up additional support for the IEF RA 2.0 RFC effort
- IDL WG: Worked on IDL4 to C++ mapping submission

- **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
 - DDS C# API: revised submission, August 12th, 2024
 - IDL4 to Python Language Mapping, revised submission, August 12th, 2024
 - TCP/IP PSM for DDS Interoperability: revised submission, August 12th, 2024
 - Enterprise Resource Metadata Attributions (ERMA): initial submission, August 12th, 2024
- RFP/RFI Recommended or Other Recommendations (if SC)
 - IEF RA 2.0 RFC
 - DIDO RA 4.0 DP
 - Cloud Security DP (collab with Cloud Security Alliance)
 - Practical Guide to Cloud Computing V4 DP
 - AI in the Cloud DP

- **Liaisons**

- FACE Consortium (via FACE Interop WG)

- **Agenda Items for the Next Meeting:**

- Review Draft RFP/RFCs
 - IEF RA 2.0 RFC – Review Draft
- Progress reports on CORBA 3.5 RTF and CCM V5.0
- Cloud WG Discussion Papers (DPs)
 - Practical Guide to Cloud Computing V4 DP: Review for publication
 - AI in the Cloud DP: Status update on new DP
- IDL, IEF, CORBA, and FACE Interop WGs to meet
 - IDL WG: to meet for **1½ days** – Mon AM and Tues AM/PM
 - CORBA & FACE Interop WG: Wed PM
 - IEF WG: Wed PM

System Assurance (SysA) PTF

System Assurance Platform Task Force

- **Highlights from this Meeting:**

Bob Martin (MITRE) presented “SPDX 3.0 RFC” describing delivered SPDX 3.0 RFC package presented to the OMG Architecture Board on Monday 18 March after being reviewed and voted by the Architecture Driven Modernization Platform Task Force earlier in the day as well as the history of the efforts from the CISQ/OMG Tool-to-Tool SBOM and the Linux Foundation’s SPDX activities. With a few fixes in the machine-readable file and urls in the specification being brought back to the AB for approval.

Nick Mansurov (KDM Analytics) presented on two specifications in the works for the Systems Assurance Task Force:

1. “SysML Profile for Effective Cyber Risk Assessment (SPECTRA) Profile”, which offers a set of annotations to SysML models to make it easy for agents conducting automated Cyber Risk Assessments to discover the core assertions about the system under assessment. The intent is to keep SysML as the single source of truth about the system under assessment. SPECTRA includes several "common sense" stereotypes already suggested in SysML literature, such as "system of interest" "external", "subsystem", "hardware", "software", and completes this profile, to build standardized input into a range of CRA tools. The aim is to use SysML as a smart replacement of some proprietary formats in this area.

System Assurance Platform Task Force

- **Highlights from this Meeting (concluded):**

2. “Automated Risk Measures for Cyber (ARM-C)” as a new specification in the CISQ portfolio. ARM-C is compliant with existing guidance for cyber risk assessments, such as NIST-800-30, ISO 27005, ISO 31010, and uses OMG Structured Metrics Metamodel (SMM) to define a set of risk measures that are repeatable, reproduceable and automatable. ARM-C is based on the assumption that the risk claims are made automatically by CRA tools. Part of the specification is a metamodel for automated risk claims for cyber (ARC-C), against which the SMM measures are defined.

Both specifications work with the upcoming BOM/SBOM specification SPDX 3.0.

Systems Assurance TF is collaborating with ADTF, SysML 2.0, RAAML and DevSecOps in the area of cyber security.

- **Deliverables from this Meeting:**
 - admtof/2024-03-11 “SPDX 3.0 RFC” presentation
 - sysa/2024-03-01 “SysML Profile for Effective Cyber Risk Assessment Profile” presentation
 - sysa/2024-03-02 “Automated Risk Measures for Cyber” presentation
 - sysa/2024-03-04 “SysA TF Plenary Report” presentation
- **Future Deliverables (In-Process):**
 - Technology Adoptions
 - N/A
 - RFP/RFI Recommended or Other Recommendations (if SC)
 - N/A
- **Liaisons**
 - N/A
- **Agenda Items for the Next Meeting:**
 - System Assurance Task Force will meet on Wednesday
 - Possible joint session with C4I on DevSecOps Standards
 - SBOM RFC community comment discussion and second reading

Agent PSIG

Blockchain PSIG

Data Distribution Services (DDS) PSIG

Data-Distribution Service (DDS) SIG

- **Highlights from this Meeting:**

- DDS 20yr Anniversary
 - Held round-table at the OMG Wednesday lunch
 - Continue schedule of Webinars on DDS
 - We have draft of DDS-Interoperability report containing results for 5 vendors/products. Waiting for a pending 6th contribution before releasing it
- New DDS-related specifications and revision work
 - DDS-Security RTF 1.2 was submitted and was endorsed by AB.
 - Continued discussions on IDL4-C++ mapping. Agreed in most of the remaining items.

- **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
 - IDL4-C++, IDL4-Python, DDS-RTPS-TCP
 - RFP/RFI Recommended or Other Recommendations (if SC)
 - N/A
- **Liaisons**
 - N/A
- **Agenda Items for the Next Meeting:**
 - Release of interoperability report
 - Continue work on open RTFs

Methods & Tools PSIG

Ontology PSIG

Ontology PSIG

- **Highlights from this Meeting:**

- Presentation: Commons Ontology Library Roadmap Update, Elisa Kendall (Thematrix) – [ontology/2024-03-01](#), (Commons potential roadmap item spreadsheet – [ontology/2024-03-02](#))
- Presentation: Industrial Ontology Foundry (IOF) Overview and Update, Evan Wallace (NIST) – [ontology/2024-03-03](#)
- Discussion: Strategy for LCC Revision, Elisa Kendall (Thematrix)
- Presentation: Ontology Modeling Language: An Overview, Maged Elaasar (JPL) – [ontology/2024-03-04](#)

- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s) none

- **Future Deliverables (In-Process):**

- Technology Adoption Recommendation(s)
 - Languages, Countries, and Codes (LCC) 1.3 RTF report (June 2024)
 - APIs for Knowledge Platforms (API4KP) 1.1 RTF report (June 2024)
 - Multiple Vocabulary Facility (MVF) 1.1 RTF report (June 2024)
 - Ontology Definition Metamodel (ODM) 1.2 RTF report (September 2024)
 - Commons Ontology Library 1.2 RTF report (June 2024)
 - Distributed Ontology, Modeling, and Specification Language (DOL) 1.1 RTF report (June 2024)

- **Liaisons**

- Possible liaison with the Pistoia Alliance with respect to the IDMP-O, Identification of Medicinal Products Ontology
- Possible liaison with OAGi with respect to the Industrial Ontology Foundry (IOF)

- **Agenda Items for the Next Meeting:**

- Discussion of vehicle and host TF for an OML specification
- Possible presentation of functional competitors to OML



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TC Meeting Date:
Reporting Chair:
Group page (URL):
Group email:

Charters

Adopted (Beta-2) Specification from FTF-1:

- ptc/24-02-45 PSUM Specification**
- ptc/24-02-46 PSUM Specification with changemarks from FTF-2**
- ptc/24-02-47 PSUM XMI file**
- ptc/24-02-103 PSUM FTF-2 Report**
- ptc/24-02-101 PSUM (Ancillary) Maintenance Archive**
- ptc//24-02-48 PSUM Example XMI files (informative)**

- RAAML 1.1 convenience document clean ptc/24-03-02
- RAAML 1.1 convenience document clean change bars ptc/24-03-03
- CoreRAAML.xmi ptc/24-03-04
- CoreRAAMLLib.xmi ptc/24-03-05
- GeneralRAAML.xmi ptc/24-03-06
- GeneralRAAMLLib.xmi ptc/24-03-07
- GSN.xmi ptc/24-03-08
- FMEA.xmi ptc/24-03-09
- FMEALib.xmi ptc/24-03-10
- FTA.xmi ptc/24-03-11
- FTALib.xmi ptc/24-03-12
- ISO26262.xmi ptc/24-03-13
- ISO26262Lib.xmi ptc/24-03-14
- STPA.xmi ptc/24-03-15
- STPALib.xmi ptc/24-03-16
- GeneralRAAMLSecurity.xmi ptc/24-03-17
- GeneralRAAMLSecurityLib.xmi ptc/24-03-18
- RBD.xmi ptc/24-03-19
- RBDLib.xmi ptc/24-03-20
- MagicDraw model from which all XMLs and images were produced ptc/24-03-21
- Risk Analysis and Assessment Modeling Language (RAAML) Examples (Informative) file ptc/24-02-70
- Risk Analysis and Assessment Modeling Language (RAAML) Examples (Informative) file with change bars ptc/24-02-71

• IPR Mode: Non-Assert

• Members:

- Andrius Armonas (Chair), Dassault Systèmes
- Kyle Post (Chair), Ford Motor Company
- Myron Hecht, The Aerospace Corporation
- Natasha Shevchenko, Carnegie Mellon University, san@cert.org
- Bob Martin, MITRE (voting)
- Mary Tolbert, MITRE
- Morayo Adedjouma, CEA
- Nick Mansourov, KDM Analytics
- Hartmut Hietze, TUHH

- **FTF Report, ptc/24-02-80**
- **Systems Modeling Application Programming Interface (API) and Services v1.0 beta 2, ptc/24-02-26**
- Systems Modeling Application Programming Interface (API) and Services v1.0 beta 2 – Change Bar, ptc/24-02-27 (convenience)
- Systems Modeling API PIM, ptc/24-02-28
- REST/HTTP API Binding, ptc/24-02-29
- REST/HTTP API Schemas, ptc/24-02-30
- OSLC API Resource Shapes and Vocabulary, ptc/24-02-78
- Systems Modeling API Cookbook, ptc/24-02-32 (informative)
- Systems Modeling API Ancillary Models, ptc/24-02-33 (ancillary)
- Attachments Doc, ptc/24-02-79 (ancillary)
- **IPR Mode: Non-Assert**

- Manas Bajaj, IntercaX (Co-Chair)
- Rick Steiner, University Arizona (Co-Chair)
- Ed Seidewitz, Model Driven Solutions
- Manfred Koethe, 88solutions
- Richard Page, Ansys Government Initiatives
- James Rhyne, Thematix
- Uwe Kaufmann, GfSE eV
- Tim Weilkiens, oose eG
- Tomas Vileiniskis, Dassault Systèmes
- Eran Gery, IBM
- Hans Peter de Koning, DEKonsult
- John D. Baker, Sparx Systems
- Andrew Mullis, Lockheed Martin
- Karen Ryan, Siemens
- Ryan Noguchi, Aerospace Corporation
- Gábor Bergmann, IncQuery Labs
- Conrad Bock, NIST
- Pete Rivett, Adaptive
- Russell Peak, Georgia Institute of Technology
- Chokri Mraidha, CEA
- Greg Kimberly, Boeing
- John Draga, Open Text Inc.
- Gene Shreve, i3
- Vince Molnár, Budapest University of Technology and Economics
- Jeffery Turpin, RTX
- Chris DePalma, Zuken Vitech
- Charles Galey, Sierra Nevada
- Alan Moore, Mathworks
- Tammy Bogart, Mantech
- Bobbin Teegarden, OntoAge

- **FTF Report, ptc/24-02-74**
- **Kernel Modeling Language (KerML) v1.0 beta 2, ptc/24-02-17**
- KerML Modeling Language (KerML) v1.0 beta 2 – Change Bar, ptc/24-02-18 (convenience)
- KerML Abstract Syntax, ptc/24-02-19
- KerML Semantic Model Library, ptc/24-02-20
- KerML Data Type Model Library, ptc/24-02-21
- KerML Function Model Library, ptc/24-02-22
- KerML Model Interchange Schema, ptc/24-02-23
- KerML Metamodel Schema, ptc/24-02-24
- KerML Ancillary Model Files, ptc/24-02-72 (ancillary)
- Attachments Doc, ptc/24-02-73 (ancillary)
- **IPR Mode: Non-Assert**

- Ed Seidewitz, Model Driven Solutions (Co-Chair)
- James Logan, Dassault Systèmes (Co-Chair)
- Manfred Koethe, 88solutions
- Yves Bernard, Airbus
- Richard Page, Ansys/AGI
- Conrad Bock, NIST
- James Rhyne, Thematix
- Uwe Kaufmann, GfSE eV
- Manas Bajaj, Intercax
- Axel Scheithauer, oose eG
- Eran Gery, IBM
- Hans Peter de Koning, DEKonsult
- Rick Steiner, University Arizona
- Sanford Friedenthal, INCOSE
- James D. Baker, Sparx Systems
- Andrew Mullis, Lockheed Martin
- Shelley Higgins, RTX
- Karen Ryan, Siemens
- Ryan Noguchi, Aerospace Corporation
- Ákos Horváth, IncQuery Labs
- Pete Rivett, Adaptive
- Bobbin Teegarden, OntoAge
- Chokri Mraidha, CEA
- John Draga, OpenText Inc.
- Vince Molnar, Budapest University of Technology and Economics
- David M. McDaniel, Office of the Secretary of Defense
- Charles Galey, Sierra Nevada

Beta 2 Specification:

- **FTF Report, ptc/24-02-76**
- **OMG Systems Modeling Language (SysML) v2.0 beta 2, Part 1: Language, ptc/24-02-03**
- **OMG Systems Modeling Language (SysML) v2.0 beta 2, Part 2: Transformation, ptc/24-02-01**
- **OMG Systems Modeling Language (SysML) v2.0 beta 2, Part 1: Language**
 - Change Bars, ptc/24-02-04 (convenience)
- **OMG Systems Modeling Language (SysML) v2.0 beta 2, Part 2: Transformation, ptc/24-02-02 (convenience)**
- SysML Abstract Syntax, ptc/24-02-05
- SysML Systems Library, ptc/24-02-06
- SysML Analysis Domain Library, ptc/24-02-07
- SysML Cause and Effect Domain Library, ptc/24-02-08
- SysML Geometry Domain Library, ptc/24-02-09
- SysML Metadata Domain Library, ptc/24-02-10
- SysML Quantities and Units Domain Library, ptc/24-02-11
- SysML Requirements Derivation Domain Library, ptc/24-02-12
- SysML v1 to v2 Transformation Model, ptc/24-02-13
- SysML Metamodel Schema, ptc/24-02-14
- SysML Example Model – Simple Vehicle Model, ptc/24-02-15 (informative)
- SysML v2 Ancillary Models, ptc/24-02-16 (ancillary)
- Attachments Doc, ptc/24-02-75 (ancillary)

- Ed Seidewitz, Model Driven Solutions (Co-Chair)
- Tim Weilkiens, oose (Co-Chair)
- Sanford Friedenthal, INCOSE
- Yves Bernard, Airbus
- Richard Page, Ansys Government Initiatives
- Manfred Koethe, 88solutions
- Øystein Haugen, Østfold University College
- James Rhyne, Thematix
- Uwe Kaufmann, GfSE eV
- Manas Bajaj, Intercax
- Andrius Armonas, Dassault Systèmes
- Eran Gery, IBM
- Christian Muggeo, Contact Software
- Hans Peter de Koning, DEKonsult
- Rick Steiner, University Arizona
- James D. Baker, Sparx Systems
- Andrew Mullis, Lockheed Martin
- Jeffrey Turpin, RTX
- Karen Ryan, Siemens
- Ryan Noguchi, Aerospace Corporation
- Zoltan Ujheyi, IncQuery Labs
- Conrad Bock, NIST
- Julio Medina, Universidad de Cantabria
- Russell Peak, Georgia Institute of Technology
- Chokri Mraidha, CEA
- John Draga, Open Text Inc.
- Gene Shreve, i3
- Vince Molnár, Budapest University of Technology and Economics
- Daniel Nguyen, Zuken Vitech Inc.

Deadlines.

- Beta1 publication: 1 May 2023
- Comments Due: 1 December 2023
- Report Due Date: 12 August 2024
- FTF Expires: 20September 2024

Thank you!!

Lunch – Lake Anne, 2nd Floor

See you in June – Las Vegas, Nevada

June 10-14, 2024

OMG Q2 Technical Meeting

<https://www.omg.org/events/2024Q2/index.htm>

