

# OMG Plenary Update

## March 2021 Virtual TC

April 28, 2021

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OBJECT MANAGEMENT GROUP<sup>®</sup>

# Object Management Inc. and Managed Programs



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# OMG Technical Meeting Schedule

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This is an update on the OMG Q1 TC meeting held March 22-26, 2021

Upcoming Quarterly Meetings: <https://www.omg.org/events/index.htm>

- June 14-18, 2021 – **Virtual**
- September 27- October 1, 2021 – Burlingame, CA USA
- December 6-10, 2021 – Long Beach, CA USA

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# Technical Meeting Resource Hub

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- Updates from each OMG Technical Meeting are posted in the Resource Hub shortly after the conclusion of each quarterly meeting.
- Each group chair reports at the Friday TC plenary meetings.
- Plenary slides include highlights from the meeting week, deliverables, and agenda items for the next quarterly meeting

<https://www.omg.org/events/tm-resource-hub/index.htm>

# OMG Work in Progress – Get Involved!

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## Access Available to All

- “Work in Progress” - Complete list of OMG work as yet not completed:  
[https://omg.org/public\\_schedule/](https://omg.org/public_schedule/)

## Restricted to OMG Member Company Representatives

- Complete list in chronological order of Deadlines for work in progress:  
<https://www.omg.org/schedule/tcdeadlines.html>

Click through the Deadlines page to see who has responded and been added to voting lists

# OMG Cross-Participation Policy - NEW

- A paying member in good standing of OMG at the approved levels may designate representatives to participate in one working group of the IIC or Digital Twin Consortium (excluding quarterly member meetings).
- Each consortium operates under its own rules. Participants must sign a Non-member Contribution and License Agreement (NCLA) to participate in the other program.
- The limit on the number of OMG Member participants is set by member category, as approved by Board of Directors.
- **Details:** <https://www.omg.org/memberservices/cross-participation.htm>

**Request Form must be submitted by Primary:**

<https://www.omg.org/memberservices/cross-participation-request-form.htm>



MEMBERSHIP LEVEL	CROSS PARTICIPANT SEATS
Contributing Members	2
Domain Members	1
Platform Members	1
Influencing Members	0
Government Members	0
Retail Domain Members	0
Trial Members	0
University Members	0
<a href="#">CROSS-PARTICIPATION REQUEST FORM</a>	

# OMG Member Services and Technical Staff

[help@omg.org](mailto:help@omg.org)

**Diane Ehamjian**  
Director Member Engagement  
[diane@omg.org](mailto:diane@omg.org)



**Jason McC. Smith**  
VP and Technical Director  
[jason@omg.org](mailto:jason@omg.org)



**Juergen Boldt**  
VP Member Services  
[juergen@omg.org](mailto:juergen@omg.org)



# BoD Update - Adopted Submissions and Reports

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## Space Telecommunications Interface (STI) specification

<https://www.omg.org/spec/STI/>

Based on OMG's Systems Modeling Language® (SysML®), the new specification establishes an open architecture for space and ground software-defined radios (SDRs) for space and navigation communications systems.

The beta version of the STI is freely available to the public: <https://www.omg.org/spec/STI/>

The final STI specification is expected by the end of the year and will also be available to the public at no cost.

For more information, read the OMG Standardize blog post, [New Open-Architecture Specification for Space and Ground Software-Defined Radios](#).

# AB Election – Update and Congratulations!

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## Newly elected representatives to the Architecture Board:

Daniel Brookshier

Dassault Systemes

Pete Rivett

agnos.ai UK Ltd

Robert (Nick) Stavros

Jackrabbit Consulting

## By-Election running until May 21<sup>st</sup> – Two seats remaining!

Nomination forms and employer letter template available at:

[https://www.omg.org/technology/template\\_download.htm](https://www.omg.org/technology/template_download.htm)

**Thank you to our members for participating in the OMG election process!**

# Influencing OMG Standards Development

Watch for deadlines for each phase

Public encouraged for RFI response

LOI open to all – not legally binding

Membership required to submit and vote

Members make your voice heard

Request for Information - RFI

Request for Proposals - RFP

Letter of Intent - LOI

Submitters - Deadline / Member Level

Voting Lists - Members

# RFI

Industry's opportunity to advise of preferences and requirements for potential new work

Responses may influence task force to prioritize planned work according to industry alignment

- **RFI – Request for Information**
- **No membership required to respond**
- **Survey of industry/academia/government to guide new standards efforts**
- **Soliciting your input, opinion, level of interest**
- **Your chance to voice your needs, priorities**
- **Responses considered by the issuing Task Force to guide next steps toward potential new RFP work and new standards**

# Product Knowledge Framework (PKF) RFI

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**Response Deadline: November 8, 2021**

**Manufacturing Technology and Industrial Systems Domain Task Force (ManTIS DTF)** is soliciting inputs, opinions, and levels of interest on specific issues that relate to a Product Knowledge Framework (PKF).

For the PKF to be most effective, it is essential that a unified standards foundation be established for four key elements (A) Product Knowledge Profiles, (B) Product Knowledge Ontology, (C) Product Knowledge Views, and (D) Product Knowledge Services

A goal of the PKF is to provide a framework within which UAF implementations can achieve their full potential and thrive in much larger overall “product knowledge” markets compared to more limited “architecture” markets.

Current UAF solution providers are encouraged to express their concerns, particularly in regards to previous initiatives like DOD’s DM2 approach. Similarly, UAF/DM2 solution desirers are encouraged to describe their desired operational concepts and solutions, providing an indication of potential market “pull” for the PKF.

Contact: [Mr. William Beavin](#)

**[Product Knowledge Framework \(PKF\) RFI](#)** (document [mantis/2019-06-01](#))

# RFP

Specification Process at Work

Deadlines Matter

Open  
Fair

## Letter of Intent – LOI

- No membership required to submit LOI
- Not legally binding, expresses intent
- LOI is required to become a Submitter

## Submitters

- Qualified LOI must be on record
- Initial Submission Deadline
- Correct level of Membership required for issuing Technical Committee
- Business Committee Questionnaire

## Voting List

- Members Only
- All Members Eligible (excluding restricted levels of Trial, Analyst, TF)

# Shared Data Model and Notation (SDMN) RFP

Letter of Intent (LOI)	Initial Submission (Domain)	Voting List
August 30, 2021	August 30, 2021	August 30, 2021

The focus of this RFP is to specify the requirements for the content and structure of a Shared Data Model. A "Shared Data Model" (SDM) is a library of data elements that supports a set of BPM+ Models that are used together to address a particular business modeling topic. In particular, a Shared Data Model will provide a single source for the definition of all, and only, the data elements that are used across those correlated BPM+ models. Thus, the SDM provides a shared, scoped, and focused view that supports mutual interfaces between the models, as well as external data sources.

Contact: [bmi@omg.org](mailto:bmi@omg.org)

**[SDMN RFP](#)** (document [bmi/2021-03-14](#))

# BPM+ Knowledge Package Model and Notation (BKPMN) RFP

Letter of Intent (LOI)	Initial Submission (Domain)	Voting List
August 30, 2021	August 30, 2021	August 30, 2021

The focus of this Request for Proposal (RFP) is to specify the requirements for the content and structure of a BPM-Plus (BPM+) Knowledge Package. A BPM+ Knowledge Package is considered a "box" or "wrapper" model that contains models developed through the other BPM+ standards (and other artifacts).

Contact: [bmi@omg.org](mailto:bmi@omg.org)

**[BKPMN RFP](#)** (document [bmi/2021-03-16](#))

# OARIS 3.0 Plot Sharing RFP

Letter of Intent (LOI)	Initial Submission (Domain)	Voting List
September 6, 2021	November 8, 2021	October 4, 2021

This RFP solicits proposals to extend the OARIS specification to provide support for networked sensing including the following: - Plot Sharing - Fused Track Reporting - Common Track Numbering This proposed extension is primarily driven by use cases from the naval domain as is the case for previous versions of the specification.

Many navies face an ever-increasing challenge to establish a defence capability in response to the ever-evolving technological capabilities of potential future adversaries. Cooperation of allied navies in Task Groups facilitates the required prompt response, and improves interoperability of the multitude of national systems and sub-systems.

Contact: [Mr. Simon Mettrick](#)

[OARIS 3.0 Plot Sharing RFP](#) (document [c4i/2020-12-04](#))

# Robotic Service Ontology RFP

Letter of Intent (LOI)	Initial Submission (Domain)	Voting List
November 1, 2021	November 8, 2021	December 6, 2021

Solicits proposals for a set of basic ontologies that provide a semantic model of robotic services and related robotic functional components that can support communications and interoperability between robotic services and enable composition of such services.

We need a common vocabulary or ontology in order to describe robotic services and the components that comprise those services. **Such an ontology will assist not only in communications among robots and between robots and the humans they support, but will enable developers of both robotic services and robotic functional components to compose higher order robotic services from well-defined, consistent building blocks (components) and have confidence that the resulting services are consistent will work together as designed..**

Contact: [robotics@omg.org](mailto:robotics@omg.org)

**[Robotic Service Ontology RFP](#)** (document [robotics/2018-12-03](#))

# Voting List Deadlines – OMG Member Only

Any OMG Member company at appropriate voting level may register for the voting list by the stated deadline.  
Voting Level = University, Government, Influencing, Domain, Platform, Contributing

**June 7, 2021**

[IDL4 to C++ Language Mapping RFP](#)  
[Linked Encrypted Transaction Streams \(LETS\) RFP](#)

**August 30, 2021**

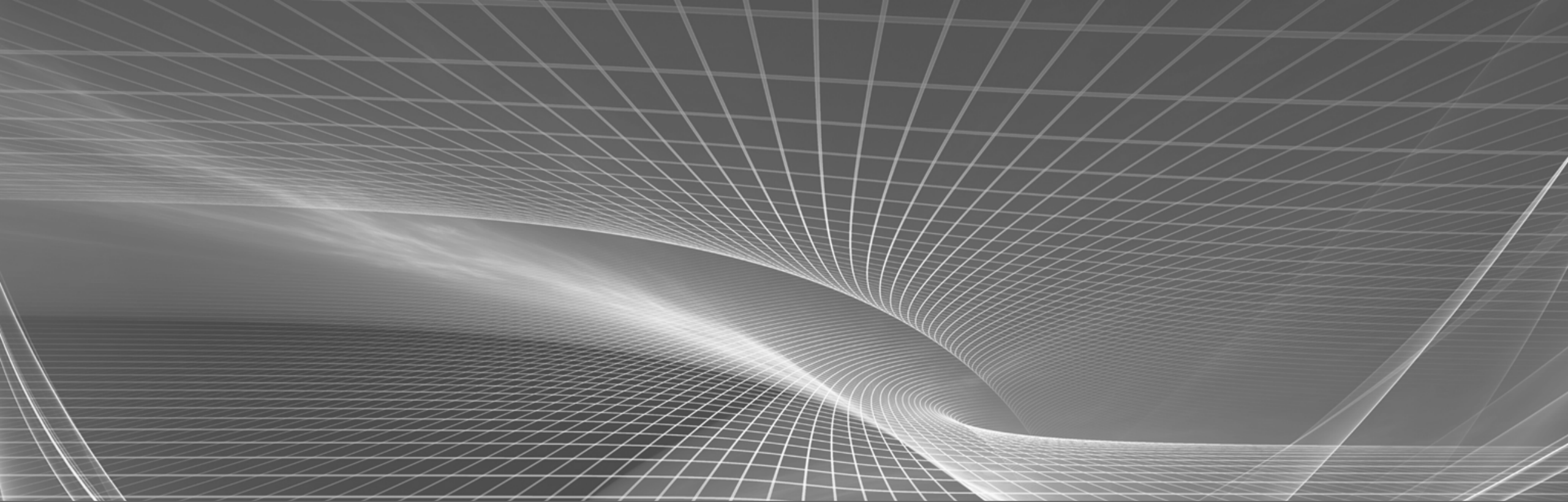
[Shared Data Model and Notation \(SDMN\) RFP](#)  
[BPM+ Knowledge Package Model and Notation \(BKPMN\) RFP](#)

**October 4, 2021**

[OARIS 3.0 Plot Sharing RFP](#)

**December 6, 2021**

[Robotic Service Ontology RFP](#)



# Future Deliverables & Agenda Items

As set at the March 2021

Virtual TC

April 28, 2021

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# Platform Technology Committee - PTC

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## Platform TC

- Analysis and Design Platform Task Force
- Architecture-Driven Modernization Platform Task Force
- Artificial Intelligence Platform Task Force
- Middleware and Related Services Platform Task Force
- System Assurance Platform Task Force
- Agent Platform Special Interest Group
- Blockchain Platform Special Interest Group
- Data Distribution Platform Special Interest Group
- Methods & Related Tools Platform Special Interest Group
- Ontology Platform Special Interest Group

All groups don't necessarily meet at every quarterly TC

# Analysis and Design – AD PTF

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## Future Deliverables (In-Process):

- Technology Adoptions
  - API4KP revised submission (Passed AB and in PTC Recommendation Poll)
  - AMP & EMP revised submissions: May 17th, 2021
  - IMM revised submission: May 17th, 2021
  - PSUM initial submission: May 17th, 2021
  - SysML V2 and SysML V2 API and Services revised submission: May 17th, 2021
  - Precise Semantics of Time RFP initial submission: May 17th, 2021
  - MVF RFP revised submission: August 30th, 2021

## Agenda Items for the Next Meeting:

- Updates on AMP/EMP, IMM and PSUM submissions
- SysML V2 semantic debt
- SysML V2 update presentation

(email: [adtf@omg.org](mailto:adtf@omg.org); document prefix: ad; chair: [adtf-chair@omg.org](mailto:adtf-chair@omg.org))

# Artificial Intelligence – AI PTF

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## Future Deliverables

- AI Taxonomy or Ontology
- Analysis of NIST RFI responses
- RFI with more precise questions and more international appeal than NIST's
- Very tentative:
  - RFP on a Claims-Argument-Evidence model for AI (e.g., absence of bias)
  - RFI on representing AI components in SysML
- Potential external deliverable: article in Cutter Consortium Journal

## Agenda Items for the Next Meeting

- Wednesday 16 June
- Invite some prospective speakers to continue informing our roadmap
- Interim remote working sessions on ontology and on NIST RFI responses

(email: [ai@omg.org](mailto:ai@omg.org); document prefix: ai; chair: [ai-chair@omg.org](mailto:ai-chair@omg.org))

# Middleware and Related Services – MARS PTF

## Future Deliverables (In-Process):

- Technology Adoptions
  - DDS C# API: revised submission, 30 Aug 2021
  - DDS-TSN: revised submission, 17 May 2021
  - TCP/IP PSM for DDS Interoperability: revised joint submission, 17 May 2021
  - IDL4 to C# Mapping: initial submission, 17 May 2021
  - Linked Encrypted Transaction Streams (LETS): initial submission, 17 May 2021
- **RFP/RFI/RFC Recommendations to Issue**
  - IDL4 to Python Language Mapping RFP: issue 2021 Q2
  - DDS Service-based Discovery RFP: issue 2021 Q3
  - Smart Contracts RFI: issue 2021 Q2
  - IOTA Protocol RFC: issue 2021 Q3?
- TF Documents
  - Cloud WG Discussion Papers
  - First draft of Practical Guide to Cloud Data Governance (publish in 2021 Q3)
  - DIDO Reference Architecture 3.0 Discussion Paper (publish in 2021 Q2)

## Agenda Items for the Next Meeting

- Review initial submission:
  - IDL4 to C++ Language Mapping
- Review revised submissions:
  - DDS-TSN Integration
  - TCP/IP PSM for DDS Interop
- Review draft RFPs:
  - DDS Service Based Discovery
  - IDL4 to Python Language Mapping
- Review Cloud Service Agreement Template Discussion Paper
- **Joint with BC PSIG:**
  - Linked Encrypted Transaction Streams RFP: review initial submission
  - Disposable Self-sovereign Identities (SSID) RFI: review responses
  - Smart Contracts RFI: review for issuance
  - IOTA Protocol RFC: review next draft
  - DIDO Reference Architecture 3.0 DP: review for publication
- Continue collaboration with BC PSIG, Cloud Working Group, FACE Consortium
- MARS WGs to meet: IDL, IEF, SNC, CORBA, FACE Interop

(email: [mars@omg.org](mailto:mars@omg.org); document prefix: mars; chair: [mars-chair@omg.org](mailto:mars-chair@omg.org))

# System Assurance (SysA) PTF

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## Published Documents for this Meeting

- sysa/2021-03-01 “DevSecOps Pipeline SwA Analysis”
- sysa/2021-03-02 “SACM 2.2 RTF Report”
- sysa/2021-03-03 “Iconic Programming Systems and Grammars”
- sysa/2021-03-04 “OMG System Assurance Ecosystem and DEVSECOPS”
- sysa/2021-03-05 “SysA TF Plenary Report”

## Next meeting:

- System Assurance Task Force will meet on Wednesday (June 16<sup>th</sup>, 2021)
- Coordinate with various PTC and DTC TF's / SIGS to establish roadmap(s) for DEVSECOPS

**SysA looking for a Co-Chair (contact [ben@kdmanalytics.com](mailto:ben@kdmanalytics.com))**

(email: [sysa@omg.org](mailto:sysa@omg.org); document prefix: sysa; chair: [sysa-chair@omg.org](mailto:sysa-chair@omg.org))

# Blockchain - BC PSIG

## Future Deliverables

- IOTA Protocol RFC (Expected in 2021)
- **Smart Contracts RFI (June)**
- Longer Term
  - **Disposable Self-sovereign Identity: Potential RFP (RFI responses by June)**
  - Smart contracts RFP(s)
  - Ethereum EIC extensions if needed
  - Other RFIs, likely followed by RFPs: Oracles, Token, Exchange / Wallet ...

## Liaisons

- Internal: MARS PTF and Finance DTF; WGs: CBDC; VCOI
- External: TangleEE WG (with IOTA, Eclipse Foundation and others)
- To pursue: IEEE; IIC
- Informal: AIA Aerospace and Defense Distributed Ledger Technology Consortium

## Agenda Items for the Next Meeting:

- IOTA Protocol Draft RFC document review (IOTA) (at MARS)
- Linked Encrypted Transaction Streams (LETS) RFP response(s) review
- **Disposable Self-sovereign IDs RFI responses review**
- **Smart Contracts RFI**
- Draft potential RFP: Disposable Self-sovereign Ids
- Energy in DLT
- DLT Governance issues

(email: [bc-psig@omg.org](mailto:bc-psig@omg.org); document prefix: bc-psig; chair: [bc-psig-chair@omg.org](mailto:bc-psig-chair@omg.org))

# Data Distribution Services – DDS PSIG

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## Highlights from this meeting

- Discussion about potential RTF on DDS Service-based Discovery
- Discussion on the remaining steps for publishing the DDS vendor matrix
- Discussion regarding the release of the feedback to the NVGA datamodel
- Discussion on how to coordinate feedback to FACE on their use of various OMG specifications

## Plans for next meeting

- TBD

(email: [dds@omg.org](mailto:dds@omg.org); document prefix: dds; chair: [dds-chair@omg.org](mailto:dds-chair@omg.org))

# Ontology PSIG

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## Deliverables from this Meeting:

- API4KP revised submission and adoption recommendation

## Future Deliverables (In-Process):

- Multiple Vocabulary Facility (MVF) revised submission (September 2021)
- Languages, Countries and Codes (LCC) 1.2 RTF report (September 2021)
- RFC for the Specification Metadata Ontology, UML Profile, and IDL Template (September 2021)
- DOL 1.1 RTF Report (December 2021)
- ODM 2.0 RFC (December 2021)

## Possible Happenings or Topics for the Next Meeting:

- Joint session with Gov DTF
- Report on a strawman for requirements for OMG ontology specifications
- Metrics of ontology characteristics to provide for OMG ontology artifacts
- Discussion paper on a maturity index

(email: [ontology@omg.org](mailto:ontology@omg.org); document prefix: ontology; chair: [ontology-chair@omg.org](mailto:ontology-chair@omg.org))

# Domain Technology Committee - DTC

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## Domain TC

- Business Modeling and Integration Domain Task Force
- Consultation, Command, Control, Communications and Intelligence Domain Task Force
- Finance Domain Task Force
- Government Information Sharing and Services Domain Task Force
- Healthcare Domain Task Force
- Manufacturing Technology and Industrial Systems Domain Task Force
- Retail Domain Task Force
- Robotics Domain Task Force
- Space Domain Task Force
- Mathematical Formalisms Domain Special Interest Group
- Systems Engineering Domain Special Interest Group

All groups don't necessarily meet at every quarterly TC

# Business Modeling and Integration DTF - BMI

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## **Future Deliverables (In process):**

- BACM revised submission (Q2)
- PPMN revised submission (Q2)
- BKPMN initial submission (Q3)
- SDMN initial submission (Q3)
- SBRM initial submission (Q3)
- Discussion Papers on Requirements and Risk Management (?)

## **Agenda of Next Meetings**

- Monday, June 14
- BACM revised submission
- PPMN initial submission
- Requirements Discussion Paper
- Discussion of BPM+ strategy and specification harmonization roadmap

(email: [bmi@omg.org](mailto:bmi@omg.org); document prefix: bmi; chair: [bmi-chair@omg.org](mailto:bmi-chair@omg.org))

# Consultation, Command, Control, Communications & Intelligence (C4I) DTF

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## Future Deliverables (In-Process):

- Tactical Decisions Aids Revised Submission (May 17, 2021)
- DDS Status Monitoring (Aug 30, 2021)

## Liaisons

- MARS IEF WG
- IEF related – DOD, NATO, DND

## Agenda Items for the Next Meeting:

- Roadmap Development (Next set of projects)
- Commercial Standard for STANAGS (RFC)
  - 4774 Confidentiality Labeling
  - 4778 Metadata Binding
- DDS Metadata Binding for Metadata (STANAG 4778 addition)  
(email: [c4i@omg.org](mailto:c4i@omg.org); document prefix: liaison; chair: [c4i-chair@omg.org](mailto:c4i-chair@omg.org))

# Finance Domain Task Force - FDTF

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## Future Deliverables (In-Process):

- FIBO v2.1 RFC (expected in 2021)
- Digital Currency RFI (June 2021)

## Liaisons

### Internal (informal)

- Blockchain PSIG, MARS PTF, Gov DTF, AI PTF
- WGs: CBDC, VCOI

### External

- ISO TC68 (Financial Services) liaison
- EDM Council (reciprocal membership arrangement)
- Informal: ACTUS, GLEIF, XBRL, BIAN etc.

## Agenda Items for the Next Meeting:

- Digital Currency RFI (June 2021)
- Environmental, Social and Governance-ESG (with GovDTF)
- FDTF now meets fortnightly during the Quarter
- Digital currency RFI (liaise with CBDC)
- XBRL – financial reporting and semantics
- Other financial regulatory developments

(email: [finance@omg.org](mailto:finance@omg.org); document prefix: finance; chair: [finance-chair@omg.org](mailto:finance-chair@omg.org))

# Government Information Sharing and Services – Gov DTF

## Focal Themes for 2Q 2021

- **Build Communities of Interest (WGs)**
- Increase international participation
- Regular Community Calls (all Eastern Times):
  - Vocabulary Community of Interest (VCOI) WG – Mondays at 5:00 PM
  - Central Bank Digital Currency (CBDC) WG – Tuesdays at 1:00 PM
  - Government DTF – Wednesdays at 2:00 PM
  - Statistics WG – Thursdays at 11:00 AM
  - Environmental, Social and Governance (ESG) WG – Thursdays at Noon Eastern
  - Secure and Trust-Worthy Elections WG – TBD

## Liaisons

- Data Coalition
- Government Blockchain Association
- NIEM Community / Statistical Canada
- ISO TC68 TAG1 (technical group re: “RegTech”)
- MIT Digital Currency Initiative / Boston Federal Reserve

## Agenda Items for the Next Meeting:

- RFI proposal about Digital Wallets (with state participation)
- Preliminary draft of RFI about Measuring ESG metrics
- Direction from VCOI WG on Govt DTF “vocabulary”
- Report from Statistical WG on data discovery and fusion paths forward
- Charter for Central Bank Digital Currency WG

(email: [gov@omg.org](mailto:gov@omg.org); document prefix: gov; chair: [gov-chair@omg.org](mailto:gov-chair@omg.org))

# Manufacturing Technology and Industrial Systems Domain Task Force - ManTIS

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## Future Deliverables (In-Process):

RFP/RFI Recommended or Other Recommendations

- Model Transformation & Integration Facility - MoTIF RFP

## Liaisons

- ISO TC 184 SC4 (aka STEP)

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

– June 2021

- MoTIF – Model Transformation & Integration Facility RFP
- Product Knowledge Framework (PKF) RFI progress (new response in March 2021)
- Reach-out to related groups: INCOSE DEIXWG, prostep ivip SysML Workflow Forum and Implementer Forum, etc.

– December 2021

- OMG Information Day - “How Modern PLM Systems Interact in Enterprise IT Environments” (Sponsored by CONTACT Software)
- Postponed to next F2F OMG Meeting

## Themes of interest to discuss in ManTIS:

- Digital master / Digital twin
  - Update from Digital Twin Consortium?
  - Chairs Webcon planned with Digital Twin Consortium’s Manufacturing WG
- Updates from ISO TC 184 SC4 (STEP community)
- Logistics Modeling RFP / RFC

(email: [mantis@omg.org](mailto:mantis@omg.org); document prefix: mantis; chair: [mantis-chair@omg.org](mailto:mantis-chair@omg.org))

# Retail Domain Task Force

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## Future Deliverables:

- UnifiedPOS v2 Fiscal API RFP
- UnifiedPOS v1.15.1
- Proposal for UnifiedPOS v1.16.1
- Digital Receipt RFP
- Diversity, Equity and Inclusion Guidance and Process paper (final)
- Beyond the U.P.C. Use-Case Examples with UnifiedPOS paper
- Planning to create more video content to educate the community about our specs

## Liaisons

- OPOS-J
- GS1
- Ontology PSIG

## Agenda Items for the Next Meeting:

- RDTF Summary and Agenda Overview
- Retail Industry Ontology WG meeting
- UnifiedPOS WG meeting
- Submission to resolve issues in UPOS v1.15.1
- Proposal to enhance UPOS v1.16 with work from UPOS v1.15.1
- Beyond the U.P.C. Use-Case Examples with UnifiedPOS
- Draft of Digital Receipts for review feedback

(email: [retail@omg.org](mailto:retail@omg.org); document prefix: retail; chair: [retail-chair@omg.org](mailto:retail-chair@omg.org))

# Robotics Domain Task Force

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## Liaisons

- ISO TC299/WG6 (Makoto Mizukawa and Koji Kamei)
- IEEE RAS (Koji Kamei and Abdelghani Chibani)

## Agenda Items for the Next Meeting:

- Next meeting in June (interim meeting in Japan or online).
- RoSO review and discussion for initial submission.

(email: [robotics@omg.org](mailto:robotics@omg.org); document prefix: robotics; chair: [robotics-chair@omg.org](mailto:robotics-chair@omg.org))

# Systems Engineering Domain Special Interest Group - SysEng

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## Highlights from this Meeting:

- **SysML v2 Update** – S Friedenthal, E Seidewitz, M Bajaj, Y Bernard
  - SysML v2 Stakeholder Review
  - Language updates (Trade studies, Enumerations, Metadata annotation, Element filtering, Allocation, Accept actions for ports)
  - API updates (Query, Pagination, Branching, OSLC PSM and Pilot Implementation, Conformance Testing)
  - Planned revised submission for August, 2021
- SysML v2 Semantics with a Little Math – Conrad Bock, Ed Seidewitz
  - Follow-up from December SE DISG presentations on semantics
  - Declarative semantics part of SysML v2 foundation
  - Use to check if real or virtual thing conforms to a model
  - Based on classification, classifiers and features are types
  - 'Most of SST semantics is equivalent to OWL'

## Highlights from this Meeting (cont.):

- Model of Models Methodology – Alec Jackson
  - Goal is to enable enterprise reuse of models
  - Built on top of OOSEM
  - Taxonomies of logical and physical components
  - Physical system composed of physical components that redefine logical components
  - Applied successfully on multiple programs

(email: [syseng@omg.org](mailto:syseng@omg.org); document prefix: syseng; chair: [syseng-chair@omg.org](mailto:syseng-chair@omg.org))

# What Else is New? Marketing Update

April 28, 2021

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# New Online Publication - Standardize

## New online publication for member updates

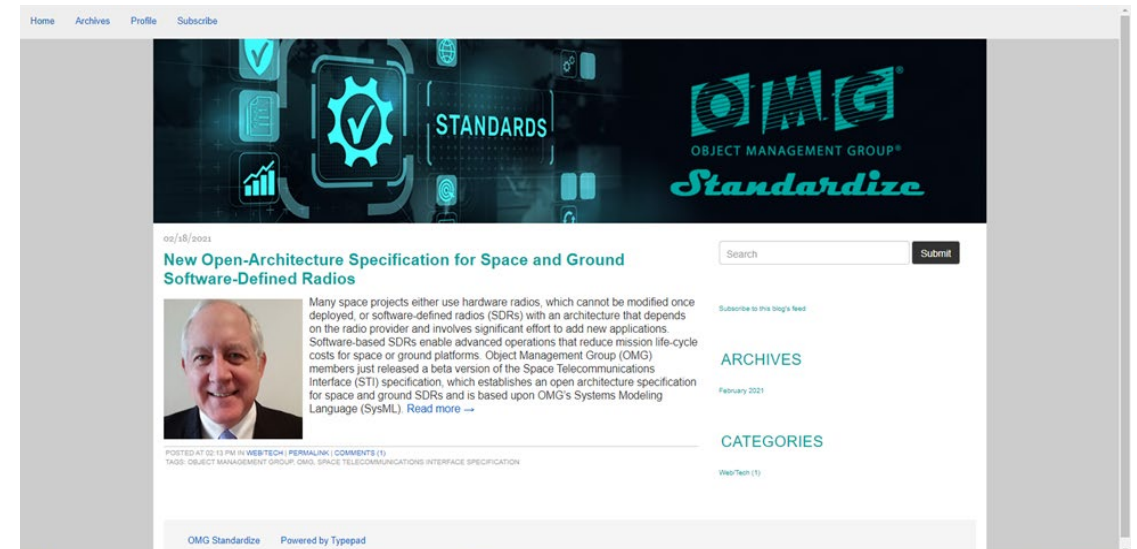
<https://pub.omg.org/>

### Standardize

Designed to inform readers about the direction of technology standards based on articles and videos from OMG members, who are experts in software and system modeling, software middleware, and ontologies.

OMG members - send an abstract for a podcast or video blog (Vlog) via submission form in Member's Area:

<https://www.omg.org/members/publications-form.htm>



See [writer's guidelines](#) on the OMG website to learn more.

# Webinars – more details on OMG Work

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**BrightTalk Channel:** <https://www.brighttalk.com/channel/12231/>

**On Demand:** <https://www.omg.org/webinars/index.htm>

**See UAF Summit Recordings from March and more!**

# University Students & Faculty Opportunity

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- Students and faculty working on DDS- based research projects are invited to apply
- Posters published by the DDS Foundation's on-line Journal.
- Presentations will be published in the DDS Foundation [wiki](#) and [website](#)
- Videos will be made available in the DDS Foundation wiki and website and [BrightTalk channel](#).

Opportunity for students and faculty at no cost

Get real-world feedback and exposure to experienced DDS users.

The DDS Foundation will be selecting proposals for posters on a monthly basis.

Apply:

<https://www.dds-foundation.org/virtual-poster-sessions-for-your-dds-projects-and-papers/>

# Next Steps - [help@omg.org](mailto:help@omg.org)

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## Contact group chairs for updates on specific Task Forces or Special Interest Groups

Each slide of this presentation lists chairs' email or check <https://www.omg.org/homepages/index.htm>

## Check developing agendas for the next quarterly Technical Meeting – June 14-18, 2021

<https://www.omg.org/events/index.htm> Agendas in process now

## Learn more about your organization's OMG membership – get involved!

**OMG Member Company List:** <https://www.omg.org/cgi-bin/apps/membersearch.pl>

Contact Diane Ehramjian, Director, Member Engagement [diane@omg.org](mailto:diane@omg.org) +1-781-444-0404 Ext 115

## Learn about OMG and becoming a member

Contact [bd-team@omg.org](mailto:bd-team@omg.org)

Account Executives are available to help:

Steve Gillis, [steve@omg.org](mailto:steve@omg.org) +1-781-444-0404 Ext. 119

Paul Barry, [paul@omg.org](mailto:paul@omg.org) +1-781-444-0404 Ext. 150

Chris Corso, [corso@omg.org](mailto:corso@omg.org) +1-781-444-0404 Ext. 108

# Questions?

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