



OBJECT MANAGEMENT GROUP ®

TC Meeting Date: 5 June 2017

Reporting Chair: Char Wales

Group page (URL): <http://mars.omg.org/>

Group email: mars@omg.org

MARS – Middleware And Related Services

- **Highlights from this Meeting:**

- DDS XML Consolidation RFC: Completed 2nd reading and recommended for adoption
- DDS-XRCE: Progress report on 2 submissions.
- DDS TCP/IP PSM RFP: Reviewed draft RFP
- IDL4 to Java Mapping: Reviewed draft RFP
- IEF Reference Architecture: Reviewed final submission and recommended for adoption
- UML Profile for ROSETTA: Reviewed draft RFC
- MARTE: Reviewed status and future plans for updates
- SBC/SDR: Met for 1st working group and decided to draft an RFI to focus charter
- DDS & IDL ISO Submissions: Discussed strategy; IDL 4.1 to be starting point
- DIDO Networks: Discussed technology; applicability to existing and new OMG standards
- SMPaaS: Demo of Use Case for DIDO Networks



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- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s)
 - IEF Reference Architecture
 - DDS XML Consolidation RFC
- RFP/RFI/RFC Recommendation(s) : None
- TF Documents Issued : None

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

- Technology Adoptions
 - DDS to OPC UA (Open Platform Communication - Unified Architecture) Gateway
 - DDS XRCE (eXtremely Resource Constrained Environments)
- RFP/RFI/RFC Recommendations
 - TCP/IP PSM for DDS Interoperability RFP
 - IDL4 to Java RFP
 - XML JSON Mapping for DDS RFC/RFP
 - UML Profile for ROSETTA (Relational Oriented Systems Engineering Technology Tradeoff Analysis) RFC
 - SBC/SDR RFI
 - IEF Policy-based Packaging Service (IEPPS) RFP

- **Liaisons**

- None



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

- OPC-UA Gateway: Review revised submission
- TCP/IP PSM for DDS Interop RFP: Review and issue?
- IDL4 to Java RFP: Review and issue?
- UML Profile for ROSETTA RFC: Review and issue?
- XML JSON Mapping for DDS RFC/RFP: Discussion re RFP or RFC
- SBC/SDR RFI: Review draft, possibly issue?
- IEF Policy-based Packaging Service (IEPPS): Discussion of strategy for RFP
- Recasting DDS specs for ISO: Review explanatory report for IDL 4.1
- DIDO Networks: Review discussion paper
- WGs to meet: IDL, IEF, SBC/SDR