



OBJECT MANAGEMENT GROUP ®

TC Meeting Date: 8 December 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-XRCE: Evaluation team initial report out, final report in Reston
- IDL4 to Java Language Mapping: Reviewed RFP and voted to issue
- IEF Policy-Based Packaging Service: Reviewed RFP and voted to issue
- UML Profile for ROSETTA: Reviewed RFC and voted to issue
- DDS JSON Mapping: Reviewed draft RFP
- DIDO Networks Reference Architecture Discussion Paper: Reviewed & continued to draft
- Data Residency Maturity Model: Reviewed discussion paper and voted to issue
- DDS and Time Sensitive Networks: Discussed technology and potential for new RFP
- Recasting IDL 4.2 for ISO: Reviewed progress and started draft explanatory report
- MARTE 2.0 RFP: Presented results of requirements gathering
- Pedigree & Provenance WG: (Joint with Finance) Request for data lineage Use Cases
- TCP/IP PSM for DDS: Re-opened and extended LOI date by 3 weeks
- SNC RFI: Extended response date to Boston



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- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s)
 - None
- RFP/RFI/RFC Recommendation(s)
 - IEF Policy Based Packaging Service RFP
 - IDL4 to Java Language Mapping RFP
 - UML Profile for ROSETTA RFC
- TF Documents Issued
 - Data Residency Maturity Model Discussion Paper

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

- Technology Adoptions
 - DDS-XRCE (Extremely Resource Constrained Environments): Revised submission 19 February 2018
 - OPC-UA (Open Platform Communication - Unified Architecture) / DDS Gateway: Revised submission 19 February 2018
 - TCP/IP PSM for DDS Interoperability: Initial submission 19 February 2018
 - IDL4 to Java Language Mapping: Initial submission 27 August 2018
 - IEPPS: Initial submission 27 August 2018
- RFP/RFI/RFC Recommendations
 - DDS JSON Mapping RFP: Planned to issue in Reston
- TF Documents
 - DIDO Networks Reference Architecture Discussion Paper: issue in Reston?

- **Liaisons**

- None



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

- DDS-XRCE: Review evaluation team final report, review revised submission(s)
- TCP/IP PSM for DDS Interoperability: Review initial submission(s)
- OPC-UA / DDS Gateway: Review revised submission(s)
- DDS JSON Mapping: Review RFP and vote to issue
- Preparing IDL 4.2 for ISO: Progress report and explanatory report
- DIDO Networks Reference Architecture Discussion Paper: Review and issue
- DIDO Networks Reference Architecture: Demonstration
- Joint Mtngs/Discussions with Finance DTF
- WGs to meet: IDL, IEF, SBC/SDR