



OBJECT MANAGEMENT GROUP ®

TC Meeting Date: 14 December 2018

Reporting Chair: Char Wales

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

Group email: mars@omg.org

MARS – Middleware And Related Services

• Highlights from this Meeting:

- IDL4 to C# Mapping – reviewed draft RFP, recommended for issuance
- TCP/IP PSM for DDS – progress report, extended to June, 2019 (Amsterdam)
- IDL4 to Java Mapping – reviewed revised submission, extended to March, 2019 (Reston)
- IEPPS – reviewed initial submission
- DDS to JSON Syntax Mapping – reviewed initial submission
- Discussions about potential new processes
 - IDL4 mapping to Java with CORBA constructs
 - REST/JSON for CORBA: “RESTful CORBA”
- Discussed ideas for a DIDO testing facility
- Joint meeting with Finance re: Blockchain & Distributed Ledger Technology
- Presentation on ManTIS SENSR RFP → Presentation on XTCE
- Discussion on Cloud WG Discussion Papers: 2 ready end of year; one for March.
- IDL, IEF and SNC WGs met



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- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s)
 - None
- RFP/RFI/RFC Recommendation(s)
 - IDL4 to C# Mapping RFP
- TF Documents Issued
 - None

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

- Technology Adoptions
 - TCP/IP PSM for DDS Interoperability: Revised joint submission, 20 May 2019
 - IDL4 to Java Language Mapping: Revised submission 18 February 2019
 - IEF Policy Based Packaging Service (IEPPS): Revised submission 20 May 2019
 - DDS to JSON Syntax Mapping: Revised submission 20 May 2019
- RFP/RFI/RFC Recommendations
 - None

- **Liaisons**

- None



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

- IDL4 to Java Language Mapping: review revised submission & vote to adopt
- SNC RFC: present RFC, issue?
- “RESTful CORBA” : Status report on RFP preparation
- DIDO Reference Architecture: Follow-up activities TBD
- *Practical Guide to Cloud Governance* (CWG Discussion paper): review and vote to publish
- Continue collaboration with Finance, Data Governance, ManTIS
- WGs to meet: IDL, IEF, SNC