

TC Meeting Date: June 24, 2022 Reporting Chair: Char Wales Group page (URL): <u>https://www.omg.org/mars/</u> Group email: mars@omg.org

## MARS – Middleware And Related Services

- Highlights from this Meeting:
  - IDL4 to C++ Language Mapping revised submission: received status update
    - Extended to Burlingame (September 2022)
  - DDS TSN Integration revised submission: received status update
    - Extended to Burlingame (September 2022)
  - Discussion about additional co-chairs for MARS
    - Candidates proposed but decided to defer voting until September
  - Presentation on CBDC WG (GovDTF)'s response to Federal Reserve White Paper on Central Bank Digital Currency
  - Presentation on OMG Wiki Analytics and ways to use to determine areas of interest
  - Status Report on MARS CORBA WG's efforts to prepare CORBA 3.4 Explanatory Report for ISO



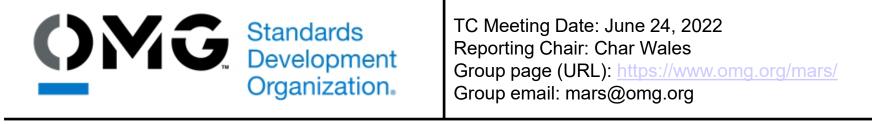
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- Highlights from this Meeting (continued)
  - Presentation by MARS FACE Interop WG on comparison between IDL language mappings used by FACE and OMG's specifications for same
    - Two options proposed to improve how FACE employs IDL and its language mappings
  - Joint with Blockchain PSIG
    - Based on report, placed three items on hold:
      - Disposable Self Sovereign ID RFP, Pattern Language for Smart Contracts RFI, IOTA Protocol RFC
    - Distributed Immutable Data Objects (DIDO) RA
      - Defer publication until September in Burlingame
  - Presentation on Cloud WG's Anything as a Service (XaaS) Glossary DP, as well as, plans for future DPs
    - Approved for publication



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- Highlights from this Meeting (continued)
  - FACE Interop/CORBA, IDL and SNC WGs met
    - FACE Interop WG & CORBA WG have adopted the practice of meeting jointly
      - Received report from Interop's IDL4 SubWG/Team regarding their IDL language mapping comparison effort
        - » Plans to present their report with two options to FACE for feedback
      - Discussed preparation of Explanatory Report for ISO on CORBA 3.4
        - » Richard Beatch (Bloomberg) provided essential background during report out
        - » Solid plans to have report ready by July 15<sup>th</sup>
    - IDL WG:
      - After report from FACE Interop IDL4 SubWG, discussed whether should consider developing an IDL4 mapping for FACE
      - Worked on IDL4 to C++ Submission and IDL4 RTF issues
    - IEF WG:
      - Reported on how Data Centric Security (DCS) based on the IEF RA is being used to support NATO's Secure Data Service
    - SNC WG: did not meet

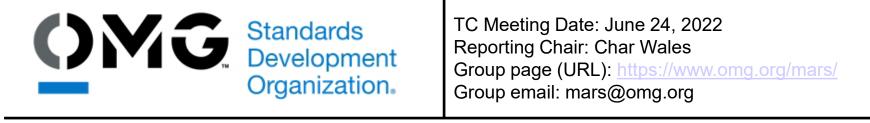


## • Deliverables from this Meeting:

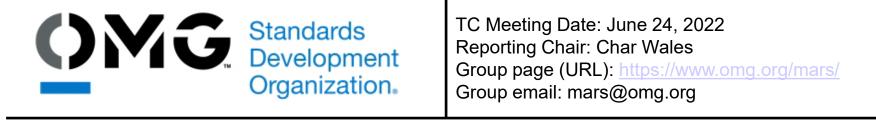
- Technology Adoption Recommendation(s):
  - none
- RFP/RFI/RFC Recommendation(s):
  - none
- TF Documents Issued
  - XaaS (Anything as a Service) Glossary DP

## • Future Deliverables (In-Process):

- Technology Adoptions
  - DDS-TSN: revised submission, Aug 22<sup>nd</sup>, 2022
  - IDL4 to C++ Language Mapping: revised submission, Aug 22<sup>nd</sup>, 2022
  - DDS C# API: revised submission, Aug 22<sup>nd</sup>, 2022
  - IDL4 to Python Language Mapping, revised submission, Aug 22<sup>nd</sup>, 2022
  - Linked Encrypted Transaction Streams (LETS): revised submission, Aug 22<sup>nd</sup>, 2022
  - TCP/IP PSM for DDS Interoperability: revised submission, Nov 7<sup>th</sup>, 2022



- Future Deliverables (In-Process) continued:
  - RFP/RFI/RFC Recommendations to Issue
    - none
  - TF Documents
    - Distributed Immutable Data Objects (DIDO) RA V4.0: publish 2022 Q3?
    - Cloud WG Discussion Papers:
      - Practical Guide to Cloud Data Governance: publish 2022 Q3
      - Cloud Service Agreement Template: publish 2022 Q4
      - Practical Guide to Cloud Computing, version 4: publish 2023 Q?
      - Cloud Myths and Realities: publish TBD
- Liaisons
  - FACE Consortium (MOU in process)



## • Agenda Items for the Next Meeting:

- Review revised submissions:
  - DDS C# API
  - DDS TSN Integration
  - IDL4 to C++ Mapping
  - IDL4 to Python Mapping
  - Linked Encrypted Transaction Streams (LETS)
- Joint with BC PSIG:
  - DIDO RA V4 DP: review for publication
- Cloud WG discussion papers:
  - Cloud Service Agreement Template DP: discuss
  - PG to Cloud Data Governance DP: review, publish?
- Elect additional MARS Co-chairs
- Continue collaboration with BC PSIG, Cloud Working Group, OCS DSIG, FACE Consortium
- MARS WGs to meet: IDL, IEF, FACE Interop, CORBA, SNC?