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FOR IMMEDIATE RELEASE

## **Object Management Group Chairs Reported on Future Direction of Technology Standards at March Membership Meeting**

**Needham, MA – April 10, 2017** – Chairs of Object Management Group® (OMG®) Task Forces (TFs) and Special Interest Groups (SIGs) reported about technology processes underway at OMG's quarterly membership meeting, which took place from March 20-24 in Reston, VA, USA. OMG is an international, open membership, not-for-profit technology standards consortium, whose membership represents the end-user, vendor, government agency, university and research institution communities. Members develop and maintain standards that influence the future direction of technology as well as impact industries including space, government, finance, manufacturing, robotics and healthcare.

On the meeting's last day, the following Chairs listed their subgroups' accomplishments, as well as other significant events during the week:

- Claude Baudoin, co-chair of the Business Modeling & Integration (BMI) Domain Task Force and Owner and Principal Consultant at cébé IT and Knowledge Management: "The BMI TF completed the preparation of a Request for Proposal for a [Business Architecture Core Metamodel \(BACM\)](#), which the Technical Committee approved for issuance."
- Graham Bleakley, co-chair of the Unified Architecture Framework® 1.0 Finalization Task Force and Solution Architect at IBM: "Held a well-attended, full day of briefings and tutorials open to the public. Topics included: a keynote on UAF's utility for the analysis of cybersecurity and threat analysis as well as the applicability of UAF® to the development of the Industrial Internet of Things and its application to civilian architecture projects including an automated mining site."
- Sanford Friedenthal, chair of the Systems Engineering Domain Special Interest Group (DSIG) and Consultant at SAF Consulting: "The Systems Engineering DSIG presented the initial requirements for the SysML® v2 RFP that includes requirements for a standard API to support interoperability, and the data model requirements to represent key systems engineering concepts consistent

with industry standards. It also conducted a usability session to emphasize the importance of addressing usability concerns that span a broad class of users' needs. The Systems Engineering DSIG also sponsored a new effort to develop a UML® profile that provides SysML with the capability to model safety and reliability information integrated with a system model. The [Safety and Reliability Profile for UML RFP](#) was issued at this meeting. It will enable the automation of many common, repetitive tasks required during the design and certification of safety-critical systems and in doing so, increases the correctness of and confidence in these systems."

- Brad Kizzort, co-chair of the Space Domain Task Force (DTF) and Chief Technologist at Harris Corporation: "The Space DTF conducted an educational session on applicability of the existing OMG Alert Management Service™ specification (ALMAS™), used in several, non-space defense systems for management of alerts and alarms in satellite ground stations."
- Kenichi Nakamura, co-chair of the Robotics Domain Task Force, chair of the Hardware Abstraction Layer for Robotic Technology™ 1.0 Finalization Task Force (HAL4RT™) and Director of Japan Embedded Systems Technology Association (JASA): "We discussed the roadmap of the Robotic Interaction Service™ (RoIS™)/Robotic Service Ontology (RoSO) and the issues of the HAL4RT version 1.0-Beta1 specification."
- Ken Rubin, co-chair of the Healthcare Domain Task Force (HDTF) and Director, Standards and Interoperability, VHA Office of Knowledge Based Systems: "On the heels of a successful Business Process Management (BPM) workshop in December, the TF held a second workshop focused on business process portability with an emphasis on clinical workflow. Two workstreams will be ongoing, producing a pilot demonstration and a "field guide." We received an update on the Ordering Service – a SOA capability that will foster consistent approaches to healthcare ordering (medications, labs, etc.); order cataloging, and order management – on track for a likely vote in Brussels. Finally, the HDTF did substantial work and issued the Model-Driven Message Integration (MDMI®) RFP 2, a successor to prior work focused on doing semantic translation between protocols and formats while maintaining the integrity and meaning of the data."
- Ed Seidewitz, Model Interchange Special Interest Group (MI SIG) chair and Director of R&D at nMeta: "Modeling tool vendors and users met in the MI SIG to discuss users' challenges in achieving modeling tool interoperability on large projects and on OMG modeling standards work itself, and how standards and tools might be improved to meet these challenges."
- Jeff Smith, co-chair of the Analysis and Design Platform (ADTF) Task Force and Chief Systems Engineer at Multi Agency Collaboration Environment: "The ADTF highlights included the Multiple Vocabulary Facility RFP initial submission, Semantic Information Modeling for Federation (SIMF) submission status update, a SysML V2.0 RFP update presentation and extending Agent/Event Metamodel Profile and MVF LOI and voting list deadlines."
- Ronald W. Townsen, Command, Control, Computing, Communications and Intelligence Domain Task Force co-chair and Chief Engineer, General Dynamics Mission Systems: "C4I is moving

forward on multiple fronts: tactical situation display interfaces, military-based navigation interfaces, real-time monitoring of DDS™ middleware interfacing with system security, and data labeling/tagging standards.”

- Pamela Wise-Martinez, co-chair of the Government Domain Task Force (GovDTF): “The mission of the GovDTF is to empower government to use standard specs, tools and methods to build and manage the people’s business.”
- Charlotte Wales, co-chair of the Middleware and Related Services (MARS) PTF and Lead Software Engineer at The MITRE Corporation: “MARS reviewed the final submission for the Information Exchange Framework™ (IEF™) Reference Architecture and hosted a productive IEF Info Day, which uncovered opportunities for IEF's application to domains such as farming and health. MARS's Data Residency Working Group completed the preparation of a comprehensive discussion paper, “Data Residency Challenges and Opportunities for Standardization”, which will be published in parallel by the Cloud Standards Customer Council™, whose Security Working Group contributed to the paper.”
- Dennis E. Wisnosky, chair of FIBO® Finalization Task Forces and EDMC, Senior Consultant - Head of FIBO Development: “The Finance Domain Task Force understood the next necessary steps to automate the development of all FIBO domains in parallel.”

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### **About OMG**

The Object Management Group® (OMG®) is an international, open membership, not-for-profit technology standards consortium with representation from government, industry and academia. OMG Task Forces develop enterprise integration standards for a wide range of technologies and an even wider range of industries. OMG's modeling standards enable powerful visual design, execution and maintenance of software and other processes. Visit [www.omg.org](http://www.omg.org) for more information.

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