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FOR IMMEDIATE RELEASE

Object Management Group Releases Three New Standards at Q4 Members Meeting
Six requests for proposal and two requests for comment get new standards underway

Needham, MA – January 26, 2018 – The Object Management Group® (OMG®), an international, open membership, not-for-profit technology standards consortium, released three new standards, six requests for proposal, two requests for comments, and elected new board members at its quarterly Technical Meeting in December in Burlingame, CA, USA. The meeting was sponsored by No Magic, Orbus Software, RTI and Sparx Systems.

Architecture Board Elections
Five OMG members were elected to the organization's Architecture Board for two-year terms, to begin in March 2018. They are:
- J. D. Baker, EA Ambassador, Sparx Systems
- Dr. B. Richard Beatch, Semantic Architect, Bloomberg LP
- Elisa Kendall, Partner, Thematix Partners LLC
- Dr. Jason McC. Smith, Director of Innovation, The Software Revolution Inc.
- Hugues Vincent, Software Architect, Thales

New Standards Adopted
Three finalized standards, previously launched in beta, were adopted by the OMG Board of Directors. These new standards are:

- Automated Technical Debt Measure 1.0, drafted by the Consortium for IT Software Quality™, measures the future cost of defects remaining in system source code at release. The effects from Technical Debt can hinder innovation and put businesses at unacceptable levels of risk, including high IT maintenance costs, outages, breaches, and lost business opportunities.
- Languages, Countries and Codes 1.0 provides formal, machine-readable representations of the names of countries and regions worldwide, and the languages spoken within them, thus providing an essential foundation for many financial, commercial, government and academic applications. The ontologies in this specification are based on two existing ISO standards: ISO 639, Codes for the representation of language names, and ISO 3166, Codes for representing country names and their subdivisions. These codes are widely used in many different disciplines, for example for bibliographic purposes, in the library community, as well as for computerized systems, and the representation of different language versions on websites.

- [Structured Assurance Case Metamodel](#) 2.0 builds on the first version of the successful OMG SACM specification for recording and exchanging design information about safety-critical systems. Assurance Cases are sets of auditable claims, arguments, and evidence created to verify that a defined system will satisfy specific requirements.

All OMG specifications are available to the public for [free download](#). To view this and other OMG specifications, visit [www.omg.org/spec/index.htm](#).

RFCs and RFPs Issued

OMG members voted to issue:

- The [Command and Control Interface for Navigation (C2INAV) RFP](#) is seeking a common means of receiving data from a variety of systems and sensors which provide navigation-related data, such as platform location, orientation, and movement information suitable for Naval-, Land-, or Air- based C2 Systems. The [Letter of Intent](#) is due at the March Technical Committee meeting and submissions are due on May 3, 2018.
- The [SysML® v2 RFP](#) is intended to improve the precision, expressiveness, and usability over SysML v1. The [Letter of Intent](#) deadline is September 24, 2018 and the initial submission deadline is November 4, 2019.
- [The Information Exchange Policy Based Packaging Service (IEPPS) RFP](#) seeks the specification for the data provisioning and protection service for structured data elements. IEPPS is intended to be a policy-driven, data-centric service that enforces Information Exchange Policy Based Vocabulary-encoded policies and selectively releases information objects to recipients based on the data content and recipients operations. The [Letter of Intent](#) is due in on June 8, 2018 with initial submissions due on November 12, 2018.
- The [Precise Semantics for Uncertainty Modeling RFP](#) seeks a common understanding of uncertainty in system/software engineering of complex systems such as cyber-physical systems and self-adaptive systems, by defining precise semantics for uncertainty modeling. This RFP solicits proposals for a conceptual model represented as a metamodel, to capture uncertainty and its related concepts and enable measurements of uncertainty and uncertainty-related concepts. The [Letter of Intent](#) is due on April 6, 2018. Submissions are due on November 7, 2018.
- The [Precise Semantics of Time for Foundational UML® RFP](#) seeks input to express timing constraints and analyze behavior over time which is critical for may modeling applications, such as real-time software and system engineering. The Precise Semantics of Time for Foundational UML will address this difficult but critical area, so that tools can provide UML time modeling in a standard, flexible way for those application areas where it is so important. The [Letter of Intent](#) is due on June 3, 2018 and the submission deadline is August 27, 2018.
- The [IDL4 to Java Language Mapping RFP](#) solicits a new specification for mapping OMG IDL™ to the Java programming language. IDL is a formal language for defining interfaces and data-types and is currently used in many software engineering tools and specifications, including (but not limited to) OMG CORBA® and OMG DDS™. [Letter of Intent](#) is due on June 8, 2018, and Proposal Submissions are due on August 27, 2018.
- The [Tools Output Integration Framework™ (TOIF™) RFC](#) provides a standards-based environment that integrates the outputs of multiple static analysis tools in a single uniform view of vulnerability information. Cyber security professionals, responsible for managing risks of software intensive systems, will find that TOIF-enabled static analysis tools and other TOIF-enabled tools provide enhanced vulnerability detection capability that builds upon both

commercial and open source tools. The template to reply to the RFC is here. The public comment deadline is February 19, 2018.

- UnifiedPOS Version 1.14.2 RFC is a widely accepted architectural specification for application interfaces to point-of-service devices that are used in retail and other vertical environments. It defines the structure of application interfaces to retail devices such as scanners, printers and scales, and describes the range of functionality in these devices that would typically be needed for POS software solutions. The template to reply to the RFC is here and the public comment deadline is February 19, 2018.
- ARTS XML Video Analytics RFC enables multi-vendor interoperability for advanced analytics like facial recognition, people/demographic counting, and hazard identification. The communication standard enables technologies to capture and analyze video, and share the results with other systems. Examples include; software that recommends specific offers to shoppers who are recognized to be enrolled in a retailer's loyalty program, or an alert sent to a clerk if there is a problem in an aisle. The template to reply to the RFC is here and the public comment deadline is February 19, 2018.

To view these and other RFC, RFI, and RFP documents, visit http://www.omg.org/public_schedule/.

Special Events
During the week, OMG held informational events for the public:
- Business Architecture Practitioner & Reference Model Workshop
- Business Process Modeling for Healthcare
- Data Residency Tutorial and Roundtable
- DDS in the Real World: Focus on Security
- Intro. to OMG Modeling & Middleware Specifications Tutorial
- Model-Based Engineering, Automation and IoT in Smart Manufacturing
- Reinventing Retail - an IoT Technology and Trends Information Day
- Talking Shop - Retail Networking Event and Demo

Presentations on the separate events' agendas can be found here.

Next Technical Meeting
The early-bird registration deadline for the next TC meeting from March 19-23 in Reston, Virginia, USA is February 9, 2018. Exhibit space is also available; contact event_marketing@omg.org no later than Friday, March 2 to reserve space. Additional sponsorship opportunities are available. For more information, contact the OMG Business Development team at bd-team@omg.org or call +1-781-444-0404. Links to additional information and details about upcoming Special Events open to the public can be found at http://www.omg.org/events/va-18/index.htm.

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 for more information.

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