OMG Standard

News, Events, Resources

WE SET THE STANDARD®

October 2016

Recap: September 2016

The Object Management Group® (OMG®) held its quarterly Technical Meeting at the Loews Chicago O'Hare Hotel in Chicago, Illinois, USA, in September. The public was invited to attend Special Events.

The IIoT Challenges and Opportunities special event featured OMG, Industrial Internet Consortium® and outside experts who discussed the latest IIoT trends. During the Cyber Risk Summit, speakers highlighted how standards-based methods and solutions can combat cyber risk and bolster security and resiliency of IT systems. The Business Architecture Insurance Industry Reference Model Workshop demonstrated how attendees can advance their business architecture efforts. The Intro to OMG's Modeling & Middleware Specifications Tutorial covered UML® basics, and surveyed CORBA® middleware and OMG standards work in vertical domains.

Other highlights from the week are captured below.

OMG Attendee Reception raffle winners (l-r): Laura Hart, Dr. Bill Curtis, Executive Director of the Consortium for IT Software Quality™, Joe Vlietstra, Esther Brown, USAF Maj Derrick Langley, Char Wales, co-chair of Middleware and Related Services Platform Task Force and Kenichi Nakamura, Hardware Abstraction Layer for Robotic Technology™ 1.0 Finalization Task Force chair

TECHNOLOGIES ADOPTED

The OMG Board of Directors voted to adopt three standards:

- The SysML® Extension for Physical Interaction and Signal Flow Simulation specification facilitates integration of systems engineering models with physical interaction and signal flow simulation models widely used in industry.
- The Unified Architecture Framework® (UAF®) specification is the latest revision of the successful Unified Profile for DoDAF and MODAF™ (UPDM™) specification for representing DoDAF, MODAF & NATO Architecture Framework (NAF)-conformant architectures using UML and SysML.
- The Unified Component Model (UCM) for DRTE Systems is a new specification for defining, implementing and composing loosely-coupled independent components in Distributed, Real-Time and Embedded (DRTE) Systems. UCM builds on the strengths of the original CORBA Component Model™ (CCM™), to provide a middleware-agnostic platform that is already being actively used to create demanding component-based aerospace applications.

To view these and other OMG specifications, visit www.omg.org/spec/index.htm.

TECHNOLOGY PROCESSES UNDERWAY

OMG Technical Committees voted to issue the Uncertainty Modeling RFI. The Uncertainty RFI solicits ideas, discussions, comments, recommendations, user needs and experiences about uncertainty modeling in system/software engineering, in particular, complex systems, such as Cyber-Physical Systems that typically operate in complex and unpredictable environments.
Learn more about these and other technology adoption processes underway at www.omg.org/public_schedule.

SPECIAL EVENTS

Below is a list of the TC meeting's special events which includes links to each agenda, where the presentations can be found.

- Business Architecture Insurance Reference Model Workshop
- Cyber Risk Summit
- IIoT Challenges and Opportunities
- Introduction to OMG's Modeling & Middleware Specifications Tutorial

BOD ELECTIONS

Ten OMG member representatives were elected to the organization's Board of Directors for three-year terms, to begin in January 2017. They are:

- Mr. Hedley Apperly, PTC (re-elected)
- Dr. Richard Beatch, Bloomberg LP (newly elected)
- Mr. Gary Duncanson, No Magic, Inc. (re-elected)
- Mr. Paul Lipton, CA Technologies (re-elected)
- Dr. Jishnu Mukerji, HPE (re-elected)
- Dr. Toru Shimizu, JASA (newly elected)
- Dr. Jay Schnitzer, MITRE (newly elected replacing Dr. Mark Maybury)
- Dr. Gerardo Pardo-Castellote, Real-Time Innovations (re-elected)
- Dr. Said Tabet, Dell (re-elected)
- Mr. Hugues Vincent, THALES (newly elected replacing Virginie Watine)

Meet an OMG Member: Henk de Man

Henk de Man is co-founder of VDMbee, a company started to take advantage of the now available OMG Value Delivery Modeling Language™ (VDML™) standard. VDMbee applies VDML for the purpose of strategy rationalization and business model planning, as well as for bridging from strategy to Business IT solution architectures. It provides a dashboard for decision making about future direction. Henk was one of the initiative takers and authors of the Case Management Model and Notation™ (CMMN™) specification, as well as VDML.

OMG: *When did you first join OMG and why do you go to the meetings?*

That was in June 2007, when the meeting was held in Brussels. I think OMG invites local companies, in the region where a meeting is organized, in order for them to "discover" OMG. And so our company, Cordys at that time, was invited to the June 2007 meeting. And that was the first meeting I joined. Since then, I have attended most of the meetings, as we learned that working on something that is standards-based, versus working on something that is proprietary, makes a world of difference. Standards provide legitimacy to approaches, and they also provide visibility. They fuel collaboration in the industry, and that is important not only for big and established players, but even more so for small and emerging ones.

OMG: *What projects are you currently working on with OMG?*

I am co-chair of two Revision Task Forces at the moment. One is for VDML 1.1. The other is for Structured Metrics Metamodel™ (SMM™) 1.2. SMM is important in the context of business value measurement and impact analysis. For this reason it is tightly integrated with VDML.

OMG: *How has being a member of OMG helped you either personally or professionally?*

Via OMG meetings, your knowledge networks expand, and you find friends with a shared interest in developing industry initiatives based on modeling standard specifications as a foundation.

Next Meeting: Coronado, California, USA, December 5-9, 2016

Fall is approaching which means that OMG is looking forward to its next TC meeting which will be held in December in Coronado, California, USA at the Loews Coronado Bay Hotel. Multiple special events are scheduled to take place throughout the week including:

- IIoT Standards at Work in Energy (complimentary)
- Cybersecurity Workshop
- Healthcare and Business Process Modeling Notation Workshop
- Introduction to OMG's Modeling & Middleware Specifications Tutorial (complimentary)
- Industrial Internet Smart Factory Forum (complimentary)

Stay tuned to www.omg.org for more updates. Don't forget to follow the Coronado TC meeting event on OMG's social media channels. Use the hashtag **#OMCoronado** and handle **@ObjectMgmtGroup** in your tweets and we will re-tweet it to our followers.

Hot Topic: Cloud Week 2016 - November 15-24

The BrightTALK network is hosting Cloud Week 2016 from November 15-24. During Cloud Week, dozens of new cloud computing presentations are aggregated and promoted to interested attendees across the webinar platform.

Topics range from cloud storage models & APIs, to security of mission-critical data, DRaaS, OpenStack, Hosted Infrastructures and Scalability, and more. Tune in to hear from the industry's top thought leaders and hear trends to look out for in 2017.

During Cloud Week, the OMG's Cloud Standards Customer Council™ is presenting two webinars:

- Interoperability and Portability for Cloud Computing: A Guide
  November 15, 2016 from 11:00am - 12:00pm ET
  Link to register

OMG: *Why would you encourage other professionals to join OMG?*

I would in particular like to encourage end users of tools and practitioners of approaches that these tools support, to participate in OMG. Co-creation between vendors, practitioners and end users will serve the industry best.

OMG: *Are you involved in any OMG certification programs? If so, how have they benefitted you?*

Not yet, but we hope that developing OMG certification programs around recently developed standards becomes a logical next step soon.

OMG: *In your opinion, what is the top benefit of OMG membership?*

Membership makes the difference between just using modeling standards versus helping to influence or even incubate them. And membership enables you to be part of a broader movement that helps to innovate business in your industries.

Richard Soley's "On the Road" Blog

Follow Richard Soley as he travels the globe and blogs about it! Read Richard's "On the Road" blog!
(RSS feed is available.)

Note: All photos courtesy of Dr. Richard Soley and Dr. Jon Siegel unless indicated. For a listing of all OMG trademarks, visit http://www.omg.org/legal/tm_list.htm. All other trademarks are the property of their respective owners.

Latest Developments in Cloud Security Standards and Privacy
November 17, 2016 from 10:00am - 11:00am ET
Link to register

Did You Know You Can Take Advantage of Your OMG Member Benefits?

Membership in the Object Management Group carries many benefits. Read a summary of the many technical, as well as business and marketing benefits that apply to OMG membership.

Did You Know You Can Write a Guest Blog?

Guest blogging is a great way to get exposed to a brand new audience, help you improve your thought leadership, and better establish you as a standards expert. Submit your idea for a blog post to mcdonough@omg.org.

Other Resources

For more information on OMG or any of our advocacy groups, such as the CSCC™ or CISQ, please visit us online. Members should sign up for their own personal myOMG page to access and manage your email lists, submissions and interests.

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