



# THE OMG STANDARD

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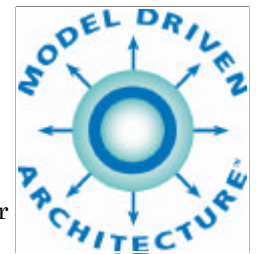
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## ObjectSecurity: MDA Helping to Secure the Friendly Skies

The enormous growth of air traffic is a great challenge for air traffic control because controllers have to handle more flights while preserving a high level of safety. There are essentially two approaches to achieve this - the better overall optimization of air traffic and the improvement of individual air space sectors. The maximum number of aircraft movements that can be simultaneously controlled inside a single sector is a major limitation factor. This is where the AD4 Project – the 4D Virtual Airspace Management System – comes in:

Improving the efficiency of controlling sectors by better visualization of airspace.

Currently, air traffic controllers receive intensive training based on two-dimensional representations of planes on a Controller Working Position (CWP). The controllers then map this 2D display to a



*(Continued on page 4)*

## Infopalooza in Washington D.C.

*Seven Information Days being held at D.C. Technical Meeting*

### OMG Technical Meeting December 4-8, 2006 Washington, D.C., USA

[http://www.omg.org/dc\\_events](http://www.omg.org/dc_events)

### SOA Information Day

The OMG SOA ABSIG provides a forum for discussion of SOA definition, methodologies, models, and both business and technical implications. Among its primary goals are:

- to support an MDA approach to SOA that links architectural, business and technology views of services, including Business Process Management (BPM) and Event-Driven Architecture (EDA) and;
- identifying and fostering development of OMG modeling

standards for SOA that integrate with and complement standards developed by other organizations such as W3C, Open Group and OASIS.

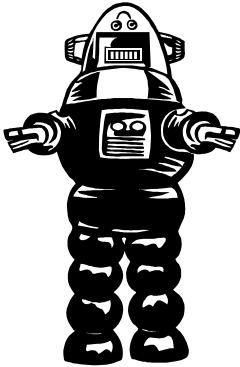
This session will provide an overview of SOA ABSIG activities, outline OMG's Value Proposition for SOA, and provide details on the standards work in progress, the SIG roadmap, as well as liaison and harmonization efforts with other standards organizations.

### Improving Business Process Management using a Maturity Model Framework

The OMG BPMI Steering Committee has been developing a plan for a Maturity Model for business process improvement, called the Business Process Maturity

*(Continued on page 3)*

# What's New in the Robotics DTF



## RTC Specification Passes Initial Adoption

The Robotic Technology Component (RTC) specification sailed through the AB review process after

the MARS PTF recommended it for adoption. This specification defines a set of robotics domain-specific extensions to the general-purpose component model, and it articulates the common design patterns typically found in such systems. More importantly, the specification provides guidelines for the development of application middleware that should substantially reduce the time, effort, and costs required to develop and integrate robotics applications. Component developers who leverage the RTC specification will be able to focus on their core implementation because the middleware makes available for them many of the

common services, such as resource allocation, component lifecycle management, and data distribution. Integrators will also benefit because reliance upon application middleware promotes the development of modular components that are interoperable.

The finalization effort is underway and should be completed by the end of 2007. Please contact [robotics-chair@omg.org](mailto:robotics-chair@omg.org) if you would like further information, if you would like to participate in the finalization effort.

## Working Groups Chartered

The Robotics DTF has chartered three separate Working Groups (WGs) to address the needs of robotics developers. The Robotics Devices and Data Profiles WG will work to identify and characterize the different classes of devices that are typically found in a robot, e.g., 2-D range sensor. The Robotics

Functional Services WG will concern itself with defining the types of functions that compose a robotics application, e.g., localization service. Finally the Infrastructure WG will investigate middleware services that may be generally needed by the robotics component developer.

Please email [robotics-chair@omg.org](mailto:robotics-chair@omg.org) if you would like information on how to participate in the WG activities.



## OMG Welcomes New Members

Please join the OMG Staff in welcoming our newest members!

- Imagenistics
- Ishisawajima
- Itemfield
- Objectivity
- CSC
- IP Commerce
- KAIRA

- SEC
- NTT Data

Interested in becoming an OMG member? Visit <http://www.omg.org/be-a-member-a.htm> for more information including a membership application form.

**Please Note:**  
OMG's Board of Directors has voted to reduce from five to four the number of technical meetings a year beginning in 2007.

# Information Days in Washington, D.C.

*(Continued from page 1)*

Model (BPMM). This program will discuss how such a BPMM would guide organizational change, relate to existing OMG standards, and how it could be made available for widespread use and adoption through the OMG standards development process. The BPMM authors include Dr. Bill Curtis and Charlie Weber, who were lead authors for the CMM/CMMI. Dr. Curtis also authored the PCMM (SEI's People Capability Maturity Model). Topics covered will include introduction and discussion of the BPMM draft, and how it can be used by business, government and vendor communities. Specific attention will be paid to how BPMM could elevate success rates for SOA initiatives.

## **Data Distribution Service: a Foundation of Real-Time Data Centricity Information Day**

This comprehensive program will introduce OMG's Data Distribution Service (DDS) and its role in distributed real-time and embedded systems in a series of descriptive talks, case studies, panel discussion, and question-and-answer sessions.

## **C4I DTF Information Day**

The C4I DTF is a Domain Task Force that is focused on systems that support crisis response, search and rescue, and military operations. Such systems are commonly known as C4I (Consultation, Command, Control, Communications, and Intelligence) systems and include surveillance and reconnaissance together with sustainment disciplines, such as logistics, weather, air traffic control, etc.

The purpose of this information session is to provide an overview and status update of the ongoing specification work of the task force, including Application Management

and System Monitoring (AMSM), Alert Management Service (ALMAS), Tactical Situation (TACSIT) Software Interface Standardization and the Information Exchange Data Model (IEDM).

## **Architecture Information Session**

### **UML Profile for DoDAF/MoDAF (UPDM)**

OMG is developing a new architecture modeling specification based on MDA that will define a standardized implementation for UML based tools. MDA has become the preferred approach for describing architectures that are needed to bridge the business community with the technical community. MDA has an extensive supporting infrastructure through OMG, which includes broad industry representation, and a defined process and infrastructure for extending the modeling language.

The objective of this work is to reach community consensus on a UML Profile for DoDAF and MoDAF (UPDM) that will aid users of conformant tools to create and analyze compliant architectures and to exchange architecture data in an interoperable manner. In addition to DoDAF and MoDAF, the goal is to support other architecture frameworks that are variants of DoDAF. This work began in September 2005 and is wholeheartedly supported by community practitioners, leading commercial tool vendors and architecture leaders in DoD and UK MoD. Refer to the OMG SE DSIG site at <http://syseng.omg.org> for additional information.

Attendees will get a first hand look at how this standard will better align architecture models with models of other business and technical aspects of the enterprise such as

requirements, objectives, processes and solutions. Topics to be presented include the following:

- Motivation and requirements for UPDM
- Overview of the OMG effort to extend MDA to support architecture frameworks
- Approaches for applying UPDM to system-of-systems and enterprise architectures
  - Review of UPDM design features

## **Software Assurance (SwA) Information Session: *Open Standard Based Enabling Technologies to Achieve Higher Software Security***

The primary mission of the SwA ABSIG is to work with OMG's Platform and Domain Task Forces and other software industry entities and groups external to the OMG, to coordinate the establishment of a common framework for analysis and exchange of information related to software trustworthiness. To that end, the goal of the SwA SIG is to facilitate the development of a specification for a Software Assurance Framework.

This session will provide an overview of the current software assurance strategies, programs, tools and technologies and focus on future needs, directions and next steps.

The **Government DTF** will also be holding a special session at the Washington, D.C. meeting.

*Be sure to visit the  
Technical Meeting  
Resource Hub after each  
Technical meeting!*

*(Continued from page 1)*

3D representation of airspace in their minds, and calculate future separations of the planes. This is a very complex mental task that requires a lot of concentration, especially in crowded sectors. AD4 moves this complex mapping process from the controller to an improved CWP. Instead of the usual two-dimensional visuals, air traffic controllers are now supported by a complex 4D representation of airspace. This can be best imagined by thinking of three-dimensional modeling of current air traffic, e.g. the positions of planes, and adding a simple visual representation of the speed of the planes and their expected trajectories to show future separations.

A ten-partner European consortium led by Next has been formed to develop the AD4 Virtual Airspace Management System. The AD4 Project offers benefits in terms of clear and transparent visual representation, and a high level of security and interoperability with systems providing the air traffic data, to demonstrate a secure

integration of heterogeneous Air Traffic Control (ATC) systems over organizational boundaries. Thus great emphasis is attached to the use of open, standards-based interfaces. The AD4 system consists of two key parts: the 4D visualization for air traffic controllers and the SecureMiddleware®, which takes care of the vital security and integration aspects.

In AD4, ObjectSecurity provides the overall system security and large parts of SecureMiddleware, the platform used for the development of the visualization system and the integration of the existing ATC simulation systems providing the air traffic data, Eurocontrol's Escape and ATRES.

SecureMiddleware is jointly developed by ObjectSecurity and Fraunhofer Fokus and consists of an implementation of the CORBA® Components Model with improved security support, the OpenPMF® Security Policy Management Framework, the ObjectWall® IOP® firewall and an MDA® Tool Chain.

SecureMiddleware allows a rapid development of complex and secure distributed applications for mission critical domains. MDA enables modeling of the target system, both the functional and non-functional aspects like security, on a high level of abstraction without any need for in-depth knowledge of the SecureMiddleware. With a MDA Tool Chain, this abstract system description can be transformed into CORBA® Component Models (CCM) and high assurance security polices, which are then enriched with business logic and deployed on the SecureMiddleware runtime infrastructure.

For more information about ObjectSecurity, visit <http://www.objectsecurity.com>; for more information about Fraunhofer FOKUS visit <http://www.fokus.fraunhofer.de/home/>, and for more on the AD4 Project, visit <http://www.ad4-project.com/>.

## OMG Congratulates Four New Board of Directors Members

OMG congratulates new Board of Directors Members elected in Anaheim:

- ☆ **Larry Johnson**, Principal, TethersEnd Consulting (welcome back!);
- ☆ **Djenana Campara**, CEO, KDM Analytics;
- ☆ **Dr. Gerardo Pardo-Castellote**, CTO, Real-Time Innovations, Inc.;
- ☆ **Cory B. Casanave**, CEO and President, Data Access Technologies (welcome back!).

# OMG and ISO Liaison Relationship

OMG has Become an ISO "Liaison A" Member to TC 37

## OMG and ISO TC 37:

OMG has adopted a specification, "Semantics of Business Vocabulary and Business Rules" (SBVR) that is based on the ISO TC 37 terminology standards (see:

[http://www.omg.org/cgi-](http://www.omg.org/cgi-bin/doc?dtd/2006-03-02)

[bin/doc?dtd/2006-03-02](http://www.omg.org/cgi-bin/doc?dtd/2006-03-02)). Three key additions, among several others, to the ISO TC 37 standards on which it is based are the:

1. Underpinning of ISO 1087-1 with formal logic based on the upcoming ISO Common Logic standard.
2. Ability to structure the wording/meaning of definitions in formal logic based on the terms and concept relations in a terminology/vocabulary.
3. Ability to structure the

wording/meaning of policy and rule statements in formal logic based on the terms and concept relations in a terminology/vocabulary.

Donald Chapin, Chair of OMG's Finalization Task Force for the Semantics of Business Vocabulary and Business Rules specification, will handle primary responsibility for the OMG - ISO TC37 liaison. The Liaison Subcommittee of the OMG Board of Directors is responsible for approving and managing all Liaisons that OMG has with Standards Development Organizations and Industry Consortia. The Subcommittee will, as appropriate, act to provide formal backing for each ISO TC 37 document in which OMG is interested.

## What OMG Brings to the Table

The OMG will play a major role in

broadening the community for terminology and adding several new areas of reuse of terminology in organizations (such as governance & regulatory compliance, policies, semantics based categorization and retrieval of text documents, business intelligence and data semantics). This has the potential for significantly improving the value proposition for investing in terminologies. The experience of OMG member organizations in applying terminologies in these areas will provide practical input to the on-going ISO TC 37 standards work.

The mapping of SBVR to the OMG's Ontology Definition Metamodel for the Semantic Web will make SBVR a people-centered bridge between terminology and ontologies and their reasoning engines.

## New Content on OMG Website!

*Vendor Directories; DDS Wiki Now Available*

### Vendor Directories

<http://www.omg.org/omg-directories.htm>

*Attention all Vendors of BPM, Regulatory Compliance, Modernization, CORBA®, MDA® and UML® related Products and Services!*

We have created dynamic product and service directories for several of our standards that will have listing and searching capabilities. Your listing will provide your company with a powerful advertisement for your product or service and of your leadership in the community.

This new listing is free of charge both to list and to search.

### DDS Wiki: <http://portals.omg.org/dds>

DDS is the first open international middleware standard directly addressing publish-subscribe communications for real-time and embedded systems. Get information about events, tutorials, whitepapers and specifications as well as discuss DDS systems in this online community. OMG members and non-members alike are invited to check out the Wiki:

<http://portals.omg.org/dds>



# An Interview with the Chair of the BPMI Steering Committee

*The OMG Standard interviewed Phil Gilbert, CTO of Lombardi Software and the newly-elected Chair of the BPMI Steering Committee on the future of BPM and where the Steering Committee Fits in the greater picture.*

*Tell us about your experience in the BPM field.*

Well, I'm CTO of Lombardi Software, one of the larger of the BPMS providers. But that doesn't really answer your question, I guess. I began working with distributed technologies in the early 1980's and, frankly, was immediately switched on by the abilities of these new machines to touch senior, decision-making business people. If we could affect the people who affect the revenue decisions, then that was really an advance.

I started my own company to "solve" that problem in 1984 and to one degree or another have been working on that problem ever since. My entire career has been understanding global companies and trying to invent technology-based solutions so that those companies could scale. In that time I've worked or lived for extended periods in 10 countries and with customers that operate everywhere. I've seen the trends of globalization, off-shoring, right-sizing and others come and go, and the same with technologies. My observation of all this is that business is still pretty much the same as it ever was - the KPI's (Key Performance Indicators)

haven't really changed much. But the velocity of changing capabilities, and the complexity of the underlying technical assets (which serves as the foundation for modern business) has impacted, negatively, senior management's ability to understand their business.

That was the problem then, and it's still the problem. And the solution is how we can use technology to make our lives easier, and our businesses easier to run.

*What are your top priorities as chair of the BPMI Steering Committee?*

Now that the integration of BPMI.org into the OMG is completed it's important that we begin to focus on the strategic objectives of that merger: articulating the new possibilities of the "model-driven enterprise" and assisting the various groups within OMG in expanding their user communities to more and more in the business domain.

Up to now, OMG has focused on model-driven technologies primarily in the IT domain... and now that those have some maturity we need to expand the vision, and begin using these same technology foundations in new ways, in new specifications, to deliver benefits directly to business users.

So the top priority of the BPMI-SC is to clearly articulate this new user community, reach out to them so that they become involved, and push their needs into every aspect of OMG.

*What are some of the emerging trends in BPM that the Steering*



Phil Gilbert, CTO, Lombardi Software and Chair of the BPM Steering Committee

*Committee will be addressing?*

The world has now moved beyond the 2% of the people in the IT domain and is demanding dis-intermediating technologies that can be directly accessed by the other 98% - those in the business domain. That's our target audience, and so getting them involved is about the biggest thing we can hope to do.

In the past two weeks I have spoken with C-level executives at 3 Fortune 100 companies. They all say the same thing: They're saying that this isn't rocket science figuring out what needs to be done! One said "the market is telling us the answer and, basically, we're delivering it. But it's too hard. It's too costly. And it doesn't scale. It requires heroics and it diverts us from other innovation. We need help."

Technology is that help. And OMG has the deepest thinkers in the

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technologies that matter - model-based technologies that allow abstraction from the chaos that exists in the Global 3000.

That's the trend, and that's why we matter.

*What role do you see the Steering Committee playing both within OMG and in the greater industry?*

I answered the role within the OMG before, probably. But I do think that with this business focus, we can be more effective communicating with the commercial market better than we have. We are doing the deepest "open source" thought-work being done in the BPM arena. For example, the work we have done on defining the definitive portability standard for BPMN drawings is of huge business value. This work - the BPDM specification - will mean that business people can use more tools they like and fewer tools forced on them to document their business processes. And because of BPDM they'll be able to share those drawings, which hasn't been possible before. In the next few months you'll see the BPMN and BPDM teams merge, so that future BPMN specifications will include the metamodel. That story - and the business value of portability - needs to be told.

We're also working to define an Organization Model, and there are vendors who will be building modeling tools to model your organization with direct process-related metadata built in. CXO's are keenly interested in determining (i.e. modeling) how high level objectives impact their organizations. Over 95% of all the people in business are, in fact, in the business! That means that modeling those people - and making sure the model is interoperable with the process models of the business -

is really important. We're in the middle of that and we need to get this information to market.

And the upcoming Business Process Maturity Model will take OMG to really new levels of, even, "what is an OMG standard?" This isn't a technology standard... but it's a mechanism by which an organization can measure it's application of business process technology to achieve the scale, leverage and simplification they require. This journey, this BPM journey, is the journey of (finally) embedding technology into the fabric of the business. And the BPMM measures (among other things) how far along that journey your company is. Huge value and right square in the middle of the business.

But we have to do a better job of getting those messages out...

*What are the most common misperceptions in the industry about BPM?*

They think it's part of SOA.

BPM is complementary to SOA - and drives SOA-based implementations and strategies - but it is a different thing. It is different and will be different because it is being driven by different business drivers, and owned by different business people. This will drive different priorities in the roadmaps of the BPMI-SC standards work in the same way it drives different roadmaps in vendors.

*What do you see is the greatest value in BPM?*

BPM, coupled with SOA, yields the model-driven enterprise. Without BPM, you only have half the story - the IT half. It offers the tools to "finish the job" of abstracting the business so that the goals of

simplicity, agility and efficiency are within our grasp. But most of the people in your company are in the business and, guess what, it's going to be that way for a very long time.

BPM is the first enterprise software that really reaches the people in the business domain.

*Why do you believe it is important for organizations to participate in the BPM work that OMG is doing?*

Open sourcing intellectual property allows you to focus your scarce "innovation assets" on business-facing innovation. That's the value prop. Companies who are members of OMG, and who implement these technologies even in their infant states, and participate with the people working on specifications will leverage that investment many times over... it's like having free employees - all of whom are very smart and very thoughtful.

Also, it gives you a chance to tell all us vendors what we're doing wrong!

## Calling all OMG Chairs!

The OMG Chair Business Card Program offers you the ability to order OMG business cards free of charge. The cards will include your Chair/Co-Chair status, along with the OMG Member logo and contact details.

All you need to do is fill out the form located at <http://www.omg.org/chair-card> and your OMG member business cards will be shipped to you within 30-60 days.



# Website Focus: OMG SysML

OMG SysML is a general purpose systems modeling language that was adopted by the OMG in May 2006. Several tool vendors have implementations of SysML. The OMG recently set up the official OMG SysML website at <http://www.omgsysml.org> to provide SysML related information.

This site is directly accessible from the SysML logo on the top of the OMG home page at <http://www.omg.org>.

The following are answers to basic questions about the OMG SysML site.

*What information can you expect to find on the OMG SysML site?*

You can find an OMG SysML tutorial along with SysML related publications, SysML tool vendor links, the latest OMG SysML specification, other related links, and access to the OMG SysML Discussion Group.

*Does the site accept contributions?*

The site encourages submission of publications of general interest to the site coordinator. The site also encourages SysML tool vendors to provide links to their sites.

*What sort of interactive features does the site have?*

The site has recently set up an OMG SysML Discussion Group. Please join the discussion group

from the link on the site.

*Do you have to be an OMG member to access the site?*

This site has unrestricted access to encourage the broadest exposure. We welcome OMG and non-OMG members to visit.

**[www.omgsysml.org](http://www.omgsysml.org)**



## 2007 Meeting Fees Announced

### Workshops

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Early Bird Attendee Fee - \$695

Standard Attendee Fee - \$795

Early Bird Speaker Fee - \$375

Standard Speaker Fee - \$475

Demo fee - \$1,000

Additional demo attendee fee - \$250

### TM Meeting Fees

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(Beginning in San Diego in March of 2007)

Standard fee - \$900

#### Discounts:

OMG Member - \$100

OMG Room Block - \$250

Early Bird - \$100

# OMG's First Software Assurance Workshop: *Working Together for Confidence*

**Fairfax, VA USA – March 5-7, 2007**

**<http://www.omg.org/swa-workshop>**

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Hosted by the OMG, this three-day Workshop will address technologies, methodologies, tools and standards related to Software Assurance and offer case studies and user experiences emphasizing solutions. While research topics are not excluded, the emphasis, as with all OMG activity, is on applied experience. The Workshop program includes tutorials followed by a combination of sessions and panels.

The Workshop is open to all with an interest in the topic of Software Assurance. Workshop participants will include representatives of organizations requiring assured software products; tool vendors; software developers and providers; systems and software integrators; standards bodies; researchers; software security educators and trainers; and software assurance evaluators. In short, all practitioners with relevant experience are invited to come and share their experiences with each other and their vendor community.

## **Keynote presentation:**

John P. Hopkinson, President of International Systems Security Engineering Association  
Security Strategist - Information & Infrastructure Technologies, Inc.

## **Tutorials include:**

- Introduction to Software Security and Assurance Cases
- Security in the Software Life Cycle
- Software Safety Case Management
- An Introduction to Attack Patterns as a Software Assurance Knowledge Resource
- MILS: Architecture Enabling High Assurance

## **Session topics include:**

- Assurance Cases
- Providing a Standards-based Tool Foundation for Software Assurance
- Panel: Bringing Standards to Software Source Code Security Assessment
- Code Analysis Tools/Evaluation of Tools
- Tools & Technologies
- Software Assurance State of the Art

For more information, visit <http://www.omg.org/swa-workshop>. Sponsorships are available; contact Ken Berk at [kenberk@omg.org](mailto:kenberk@omg.org) or +1-781-444 0404.

# What you May Have Missed in Anaheim: Get Involved!

## Modeling and Middleware Specifications Move Forward

The Board of Directors voted to adopt the WSDL - C++ Mapping specification. This specification provides a mapping for Web Services applications developed in C++ environments. It will result in an increase of productivity, as programmers won't need to write specialized code to deal with various types of XML and Web Service documents. The Board also adopted a revision to the CORBA® Binding for WSDL Specification, further promoting machine-to-machine communication between CORBA services and those described using WSDL - the Web Services Description Language.

Other specifications that moved forward in the adoption process include:

- The MOF™ Model to Text proposed specification intends to standardize the transformation of models into a textual representation, supporting the transition step in the MDA® process that generates usable artifacts from models, including documentation and platform specific code.
- The UML® Profile for CORBA® and CCM is designed to facilitate the representation of concepts that are needed to represent a pure CORBA or CORBA Components PSM. Its purpose is to propose modeling concepts and facilitate communication of design intent between developers in a standard way and to enable interoperability between various analysis and design tools that are open to automation.
- On the middleware side, the Robotic Technology Component

(RTC) proposed specification provides a Platform Independent Model (PIM) and a CORBA Platform Specific Model (PSM) of composable software components for robotics that specify common interfaces to transfer data and commands and a set of minimum common states and transitions.

## Four New Specifications Initiated

OMG members initiate a new standards effort by issuing a Request for Proposals (RFP). Any company, organization, or government agency is welcome to join OMG and submit a draft proposal in response to an RFP.

### *Modeling: UML Profile and Metamodel for Services (UPMS)*

Service Oriented Architecture (SOA) represents an approach to Information Technology (IT) development that facilitates loose coupling while at the same time providing sufficient qualities of services necessary for acceptable solutions. This RFP requests a specification for extending UML with capabilities applicable to modeling services using an SOA. UPMS will include facilities for formal specification of service contracts that may be developed directly using the profile, or abstracted from business processes. It will also include facilities for indicating which of these contracts are fulfilled by modeled service providers.

### *Modernization: Software Metrics Metamodel*

This RFP requests a metamodel that facilitates the interoperability of measurements of software artifacts. Measures are comparable evaluations and, as such, are critical to software engineering and architecture driven modernization

### *Middleware: UML Profile for DDS*

This RFP solicits a UML profile which provides model-based analysis and design capabilities for systems using OMG's Data Distribution Service (DDS) specification. DDS is a middleware specification for publish-subscribe data-distribution systems with Quality of Service parameters to enable fine-tuning of data flow to satisfy performance/reliability requirements.

In addition, OMG members may also initiate a new standard through an accelerated process known as the Request for Comment (RFC) in which existing standards are introduced to the OMG process. The first step in the RFC process is to issue the proposed standard for review and comment.

### *Middleware: Extended View of Time 2.0*

This proposed extension to an existing EvoT specification has been issued for review and comment by OMG's membership. It improves existing clock-related interfaces and introduces the concept of a federated clock (which supports real-time systems). It is the result of experience gained from implementation of the original specification in projects delivering high performance and highly available time services such as Air Traffic Control and command / control systems.

## Processes Open for Participation

OMG is an open-membership organization and welcomes any organization, government agency, or university to join and contribute to our specifications. Each adoption is open to new participants until its Letter-of-Intent deadline. The four new specifications just described

*(Continued on page 11)*

# What's Up? Upcoming Events

## OMG Technical Meeting

December 4-8, 2006  
Washington, DC, USA  
Co-sponsored by: Real-Time Innovations, Data Access Technologies, Inc., Sparx Systems and No Magic, Inc.

## Software Based Communications Workshop

March 5-8, 2007  
Washington, DC USA  
Co-sponsored by: Boeing & PrismTech

## OMG's First Software Assurance Workshop: Working Together for Confidence

March 5-7, 2007  
Washington, DC, USA  
(sponsorships available)

## OMG Technical Meeting

March 26-30, 2007  
San Diego, CA USA

## OMG Technical Meeting

June 25-29, 2007  
Brussels, Belgium

## Real-time & Embedded Systems Workshop

July 9-12, 2007  
Washington, DC USA

For sponsorship opportunities, contact Ken Berk at [kenberk@omg.org](mailto:kenberk@omg.org). To exhibit at an OMG event, contact Kevin Loughry at [loughry@omg.org](mailto:loughry@omg.org).

For the full schedule of upcoming events, both OMG and co-sponsored, visit:

<http://www.omg.org/calendar>

*(Continued from page 10)*

are currently open to participation. In addition these following processes, known as the Request for Information (RFI) and papers, are also currently open to new participants for review and comment:

- **Event Driven Architecture (EDA) and its Relationship with SOA & BPM RFI**  
This RFI seeks information from industry that will guide the OMG in the development of modeling standards for Complete Life Cycle of Events (Event Metrics); Ontology of Events; Sense and Respond Services; and Processing of complex events.
- **MDA Tool Capabilities RFI**  
This RFI requests information on what capabilities (functionalities, methodology definition and process guidance) of MDA tools that the MDA user community currently use for their projects, and which capabilities they would like to have.
- **Business Process Maturity**

## Model (BPMM) Discussion Paper

This paper discusses BPMM, a conceptual model based on "best practices" that are in actual use in a domain (for example, marketing, banking operations, manufacturing, finance, or IT operations). It describes the essential elements of effective processes providing a foundation for quantitative control of the process, which is the basis for continuous process improvement. It describes an evolutionary improvement path that guides organizations in moving from immature, inconsistent processes to mature, disciplined processes.

- **OMB Federal Transition Framework White Paper**  
While documenting minor refinements of the pilot Federal Transition framework Metamodel, this paper establishes the process through which the Office of Management and Budget and OMG's Government Domain Task Force will coordinate their dissimilar time-cycles and use the OMG Community Process to create a consensus

specification of the OMB's Federal Transition Framework Metamodel.

- Non-members may download any RFP from [http://www.omg.org/public\\_schedule](http://www.omg.org/public_schedule). For some processes, member votes have extended the LOI dates beyond the deadline stated in the RFP. For more information on any RFP, send an email to [info@omg.org](mailto:info@omg.org).

## Meeting Sponsor Presentation, Tutorials and Information Days

During a lunchtime plenary, Allen Fazio, Vice President and CIO of Disneyland Resort, spoke on Disney's support for OMG and the OMG process, and the importance of driving decisions that provide business value.

During the meeting week, OMG members and staff presented six half-day tutorials on the group's various specifications. The Space DTF hosted an Information Day on "Is There a Roadmap in Space?" and the Data Distribution Service SIG presented "Data Distribution Service: a Foundation of Real-Time Data Centricity."

## THE NEWSLETTER OF THE OBJECT MANAGEMENT GROUP

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OBJECT MANAGEMENT GROUP

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<http://www.omg.org/newsletter>.

*OMG™ is an open membership, not-for-profit consortium that produces and maintains computer industry specifications for interoperable enterprise applications.*

*Our membership includes hundreds of organizations, with half being software end-users in over two dozen vertical markets, and the other half representing virtually every large organization in the computer industry and many smaller ones. Most of the organizations that shape enterprise and Internet computing today are represented on our Board of Directors.*

*Our flagship specification is the multi-platform Model Driven Architecture® (MDA®). It is based on modeling specifications including UML®, MOF™, BPMN™, XMI®, and CWM™. OMG's own middleware platform is CORBA®, which includes the OMG IDL, and the IIOP protocol.*

*All of our specifications may be downloaded without charge from our website.*

*Any organization may join OMG and participate in our standards-setting process. Our one-organization-one-vote policy ensures that every organization, large and small, has a effective voice in our process.*

## OMG Recent News

### Recent Press Releases:

- **OMG Announces Two New Sponsors of Compliance GRID Project**  
Inferware and Phoenix to contribute to development of project to address global regulatory compliance management challenges  
- July 25, 2006
- **OMG Announces Adoption of the Systems Modeling Language (SysML)**  
*Extends OMG's Unified Modeling Language (UML) for Systems Engineering*  
- July 6, 2006
- **OMG Recognized in Two Categories by SD Times 100 Awards**  
*OMG Recognized for leadership in Modeling and Business Process Management Categories*  
- June 15, 2006
- **OMG Announces CORBA/e Middleware Specification for Distributed Real-time & Embedded Systems**  
*First two adopted profiles, CORBA/e Compact Profile and CORBA/e Micro Profile, target resource-constrained embedded systems*  
- June 5, 2006

To view these and all recent press releases, visit:

<http://www.omg.org/news/releases/pr2006/pr2006.htm>

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