OMG / DMTF Work Register
Version 01/24/2006
Date Initiated: 11/22/2004

Alliance Organizations

Object Management Group (OMG) and the Distributed Management Task Force (DMTF)

Alliance Partner Mission

The Object Management Group (OMG) is an open membership, not-for-profit consortium that produces and maintains computer industry specifications for interoperable enterprise applications. Our membership includes virtually every large company in the computer industry, and hundreds of smaller ones. Most of the companies that shape enterprise and Internet computing today are represented on our Board of Directors.

Distributed Management Task Force, Inc. (DMTF), developer of CIM, is the industry organization leading the development, adoption, and interoperability of management standards and initiatives for enterprise and Internet environments.

Alliance Benefits

Benefits to OMG
- ·   Spread the use of UML and related modelling standards in design, development and deployment of information models for IT system management.
- ·   Spread the use of XMI for standardized XML based model interchange among management tools.
- ·   Education on DMTF technologies, such as CIM, WBEM to OMG members and DMTF participation at OMG conferences and technical meetings.

Benefits to DMTF
- ·   The ability to use standard UML tools will reduce the barriers to using the CIM Model and further it's use by a larger development community.
- ·   A close relationship with the OMG will ease the mapping of the CIM meta model to the UML meta model and allow any issues identified to be addressed.
- ·   In the future, this relationship will allow other UML concepts (for example OCL and sequence diagrams etc) to be added to CIM.
- ·   Education about OMG activities to DMTF members and OMG participation at the DMTF Developers Conference and technical meetings.

Alliance Scope

The initial alliance opportunities are primarily technical with potential to broaden to marketing as the technical work matures.

1. The DMTF is starting to develop a UML Profile for CIM. This profile is the basis for extending UML tools with the ability to import and export DMTF Managed Object Format (MOF), allowing to develop the CIM schema and extension schemas in UML tools, while the DMTF MOF format is still the master definition of the CIM schema. This profile is also the basis for a canonical rendering of the CIM schema in the XMI format. In the future, it allows to move the master definition of the CIM schema and extension schemas to be the XMI format rather than DMTF MOF.

2. During the development of the UML Profile for CIM, if a need arises for extending the UML meta model and/or the CIM meta model, they will be given serious consideration for adoption as part of a future version of the appropriate specifications.
3. As part of the alliance, interaction between DMTF members and OMG members will happen as needed.

Milestones /Dates

: ~~Develop a bi-directional mapping between XMI and DMTF MOF (December 2004)~~
: ~~Develop UML profile for CIM (March 2005)~~
: ~~Investigate use of additional UML concepts to enhance CIM Modelling (2005)~~

- Creation of a UML subgroup under the DMTF Architecture WG, responsible for developing the UML Profile for CIM (1/2006)
- Development of a DMTF spec for the UML Profile for CIM (preliminary version published at UML subgroup start + 6 months)
- Identification of specific requirements together with justification for extending the UML meta model and the CIM meta model (ongoing, written document available at UML subgroup start + 6 months)
- Embracement of the DMTF spec for the UML Profile for CIM by a corresponding OMG spec (target for having an OMG version published is the publishing of the DMTF preliminary version + 9 months, using the OMG fast track process)
- DMTF participation in OMG member meetings to update OMG members on relevant DMTF activities (as needed)
- OMG participation in ~~DMTF's Enterprise Management World and~~ Management Developers Conference (fall 2006)
- OMG participation in the DMTF Alliance Partner Summit (as needed)

Work Register Review Date

The work register should be reviewed and updated every six months.

Contacts

The following members from each organization will act as points of contact between the two organizations.

OMG

· Jishnu Mukerji, Member OMG Architecture Board and Liaison Subcommittee, and Co-Chair of Specification Management Subcommittee, Jishnu@hp.com
· Sridhar Iyengar, Member OMG Architecture Board, siyengar@us.ibm.com

DMTF:

· ~~Steve Jerman, Technical Committee Vice Chair, steve.jerman@hp.com~~
· Todd Guay, VP Technology, Todd.Guay@oracle.com
· Jeff Piazza, DMTF Architecture workgroup chair, jeff.piazza@appiq.com
· Andy Maier, DMTF UML subgroup interims chair, maiera@de.ibm.com

The alliance covers that OMG members that are not DMTF members in general, can be members of the DMTF UML subgroup. Details regarding IP questions are being worked out by the DMTF board.

The persons that are members of the DMTF UML subgroup without being DMTF members, are documented here:
- Pete Rivett, Member OMG Architecture Board, pete.rivett@adaptive.com

Corresponding OMG Work Register Document

There is a corresponding work register document the OMG maintains. Its latest internal version can be obtained from the OMG focal points and is stored in the DMTF CVS. Its latest public version can be found at http://www.omg.org/docs/liaison/04-10-01.pdf

Approved by the DMTF Board of Directors; Board Resolution 2006-02-14