

OMG Platform Technology Committee Meeting Minutes
Athens, Greece
April 15, 2005

The OMG Platform Technology Committee (PTC) plenary was called to order at 9:14 a.m. Fred Waskiewicz ensures that the PTC is quorate. PTC Quorum is 10. There are 20+ Platform and Contributing member voting representatives present; quorum is established. Fred Waskiewicz asks for the subgroup reports.

Jim Odell reports on the activities of the *Analysis and Design Platform Task Force*:
Highlights from the Athens meeting:

- ?? MOF 2.0 Roadmap – guide to MOF 2.0 submissions and critical path dependencies
- ?? MOF 2.0 QVT RFP – revised submission presentation
- ?? MOF 2.0 Versioning and Development Lifecycle RFP - revised submission presentation
- ?? MOF 2.0 Facility and Object Lifecycle RFP – revised submission
- ?? Executable UML Foundation RFP presentation
- ?? MDA Component RFP presentation
- ?? TOFAF ADM and MDA Synergies – OMG and Open Group collaboration presentation
- ?? RAS FTF status report
- ?? ISO 19763-2 and 19763-4 core model and model mapping presentation

Deliverables from this meeting:

- ?? For the MOF 2.0 Facility and Object Lifecycle RFP, extend revised submission deadline to 22 August, 2005
- ?? To recommend issuance of the Executable UML Foundation RFP, document ad/2005-04-02

Interests for the Next (Boston) meeting:

- ?? MOF 2.0 QVT RFP – adoption recommendation
- ?? MOF 2.0 Facility and Object Lifecycle RFP – adoption recommendation
- ?? MOF 2.0 Versioning and Development Lifecycle RFP – new revised submission
- ?? MOF Models to Text RFP – revised submission
- ?? Ontology RFP – revised submission
- ?? UML for Systems Engineering RFP – revised submission
- ?? MDA Component RFP – issuance
- ?? SPEM 2.0 RFP – initial submission(s)

Nikolai Mansurov reports on the activities of the *Architecture Driven Modernization (ADM) Platform Task Force*:

Highlights from the Athens meeting:

- ?? ADM tutorials were held on April 13 – number of attendees: 10
- ?? ASTM LOI deadline was closed on April 3rd

- ?? KDM revised joint submission was published and discussed
- ?? Discussion on ADM roadmap led to the following decision:
 - White Paper to be published by TF on the subject of “ADM Analysis package” – target date is the Boston meeting
 - To proceed with subsequent RFP on the Analysis Package – target date of initial draft is the Atlanta meeting
 - RFP to be issued in December
- ?? KDM submitters meeting was held on Thursday morning (April 14)

Deliverables from this meeting:

- ?? Presentations from ADM tutorials on ADMTF, KDM, and ASTM
- ?? Presentation from the KDM joint submitter team

Future deliverables (in progress):

- ?? Final KDM submission
- ?? White paper: ADM Analysis Package:
- ?? Subsequent RFP on subject related to the ADM Analysis Package

Agenda items for the next meeting:

- ?? KDM presentation (final submission)
- ?? Closing/publishing white paper on ADM Analysis Package
- ?? Review of initial Analysis draft RFP
- ?? Continuation of ADM road map discussion

Rebecca Bergersen reports on the activities of the *Middleware and Related Services (MARS) Platform Task Force*:

RFPs

- UML2 Profile for CORBA, CCM – RFP
 - mars/05-04-24
 - Presentations: Tom Ritter (Fraunhofer FOKUS)
 - mars/05-04-04, (overview) mars/05-04-18
 - Issuance recommended

Submissions

- QoS for CCM Revised Submission
 - RFP: mars/03-06-12
 - Revised Submission: mars/05-03-04
 - Presentation: Tom Ritter (Fraunhofer FOKUS)-
 - mars/05-04-05, (overview) mars/05-04-19
 - Extended to 31 May 05
- Streams for CCM Revised Submission
 - RFP: mars/03-06-11
 - Presentation: Jim Kulp (Mercury) mars/05-04-06
 - Revised Submission: mars/05-03-06
 - Adoption recommended

- UML Profile for Voice-based Apps revised submission
 - RFP: Telecom/04-02-03
 - Revised submission: mars/05-03-05
 - Presentation: Mariano Belaunde (France Telecom) – mars/05-04-07
 - Extended 22 Aug 05
- WSDL to C++ Mapping Revised Submission
 - RFP: mars/04-04-22
 - Revised Submission: mars/05-03-03
 - Presentation: Rebecca Bergersen (IONA) - mars/05-04-08
 - Extended to 22 Aug 05
- CORBA Bindings for WSDL Initial Submission
 - RFP: mars/04-08-11
 - Submissions:
 - IONA - mars/05-03-02
 - Presentation - Rebecca Bergersen – mars/05-04-15
 - Telefonica – mars/05-03-07
 - Presentation – Juan J. Hierro, mars/05-04-16
 - Revision date 22 Aug 05
- Load Distribution Revised Submissions
 - RFP: mars/03-11-06
 - Submissions: mars/04-10-02 (IONA), mars/04-10-04 (Borland)
 - Extended to 22 Aug 05

Presentations & WG Discussions

- DDS Extensions WG
 - Strategize DDS Interoperability approaches
 - Presentations:
 - Gerardo Pardo-Castellote (RTI)
 - Draft white paper mars/05-04-01, presentation mars/05-04-13
 - Carlo Cloet (RTI)
 - Introduction mars/05-04-10
 - Virginie Watine (Thales)
 - Draft Interoperability Presentation RFP mars/05-04-11,
 - Draft RFP mars/05-03-08,
 - Gary Sokura (Progeny)
 - DDS Open Arch Concepts: mars/05-04-12,
 - Notional Adapter whitepaper: mars/05-04-14
 - Straw poll: consensus to pursue RFP
 - Outbrief: Gerardo Pardo-Castellote (RTI) mars/05-04-17
- SCA and CCM discussion
 - Continued exploration of commonalities between CCM & SCA
 - Presentations:
 - QOS & CCM – Tom Ritter (Fraunhofer FOKUS), mars/05-04-19
 - SCA & CCM Convergence & Divergence- – Frank Pilhofer (Mercury), mars/05-04-20

- Robotics DSIG:
 - Technology RFI discussion
 - Presentation: Tetsuo Kotoku - (intro) mars/05-04-21, (RFI) mars/05-04-22
 - Robot Technologies:initial survey --> roadmap, whitepaper
 - Service Robotic System based on distributed objects
 - »Identify recurrent patterns, propose common PIM
 - »Determine where needs for standardization lay, set priorities
 - Middleware RFP for robot components discussion
 - Presentation: Takashi Suehiro (AIST) mars/05-04-23
 - RFP for Specification of PIM of RTC (Robot Technology Components)
 - »Define general framework - Abstract robot common model
 - »Define interoperability, composition for abstract Robot Objects
 - »Map RTC to SDO specification

Next (Boston, 20 Jun – 24 Jun 05)

- RFPs, RFCs and RFIs
 - Robotics “middleware” RFP & RFI – discuss drafts
 - DDS Interoperability Protocol draft RFP – possible rec. issuance
 - UML Profile for SAE AADL RFC discussion
- Submissions
 - QoS for CCM revised submission, possible recommend adoption
 - Anonymous Networks initial submission presentation
 - QoS for CORBA Transports initial submission presentation
- Presentations & Discussions
 - DDS Extensions WG
 - SCA – CCM continuation
 - Joint w/ C4I – review Application Management Services submission
 - Object Database standard WG

Ben Calloni reports on the activities of the *Real-time, Embedded, and Specialized Systems (RTESS) Platform Task Force*:

Highlights from this Meeting:

- Submissions Reviewed:
 - High Performance Enablers Revised
- RFPs / RFCs Recommended, RFI responses evaluated:
 - System on a Chip RFC

–Invited Presentations:

- RT Middleware Interoperability
- MILS Protection Communication Service (PCS) Architecture
- Approaches to Profiling

Date Changes

–Reliable Ordered Multicast extended to Boston

•Other deliverables from this meeting:

- Updated Real-time Roadmap
- High Performance Enablers recommended by TF
- High Assurance and High Performance next steps

•RFP and RFCs being developed

- Secure Audit Service RFP
- Authentication Service RFP
- Real-time Fault Tolerance / Minimum Fault Tolerance RFP
- OS Services RFP
- Out-of-the-box Real-time Protocol RFC
- (supporting DDS interoperability in mars)
- Future DDS/RT CORBA interworking, DDS/SOA RT interworking, DDS thread management, DDS extensible transports

•TF Work In Progress (RFPs already issued)

- Model Based Testing and Debugging
- RT Notification (status TBD)
- Reliable Ordered Multicast
- Power Conservation Services
- High Assurance ORB
- Minimum CORBA
- Modeling and Analysis for Real-time and Embedded Systems

Other work in progress:

- Real-time Messaging
- HLA/UML Integration
- Hazard tool / UML integration
- Security for Real-time Middleware (MILS)
- QoS and related topics for MDA
- RT CORBA – RT Java
- FPGA interworking
- Streams for CORBA
- Real-time patterns
- Adaptive Resource Management
- Policy management (with mars)
- Aspect oriented analysis/design/programming
- Executable UML for QoS-sensitive systems / action semantics for real-time

- Profiling approaches for lightweight and embedded specs
 - Dual-access Services (no activity at this meeting)
 - MDA support for minimally-intrusive legacy integration (refactoring)
 - Temporal Logic for Business Process Models
- Agenda for Next Meeting
 - RFPs
 - OS Services (Draft)
 - RT Fault Tolerance
 - Authentication Service
 - Secure Audit Log
 - RFCs
 - Real-time Protocol
 - Submissions (revised)
 - Reliable Ordered Multicast
 - Power Conservation Services
 - High Assurance ORB
 - Model Based Test and Debug
 - Minimum CORBA
 - Initial Submissions
 - MARTE
 - Presentations
 - RT MOM
 - Adaptive Resource Management
 - COMPARE
 - AF DCGS (an SOA for USAF)
 - RT CORBA on RT Java
 - Hazard Analysis
 - FPGA interworking
 - Discussions
 - Aspect-Orientation next steps
 - Interworking of RT Middleware
 - Relationship between SOA and DDS
 - RT CORBA/DDS interworking
 - Streams for CORBA
 - QoS requirements for MDA
 - Tutorial
 - Hazard analysis or adaptive resource management

Michel Ruffin reports on the activities of the *Telecommunications Platform Special Interest Group*:

Revised submission:

- ?? QoS for CCM presentation - voted to delay to Boston
- ?? Streams for CCM presentation, vote to vote and vote to recommend for adoption took place

- ?? UML Profile and meta model for voice based applications – voted to delay to the Atlanta meeting
- ?? WSDL to C++ Mapping RFP – voted to delay to Atlanta

Initial submissions:

- ?? WSDL to CORBA mapping:
 - o 2 initial submissions presented
 - o a merger of both submissions will be considered

RFP:

- ?? UML Profile for CORBA 3 – recommended for issuance

Presentations and discussions:

- ?? SCA and CCM

There is a need for an official liaison with W3C

Agenda items for the next meeting:

- ?? QoS for CCM – possible vote to recommend
- ?? WSDL CORBA Binding

Initial submission(s):

- ?? QoS for CORBA Transport

Presentations and Discussions:

- ?? CORBA/e and CORBA/I
- ?? SCA and CCM discussions

There being no other subgroup reports Fred Waskiewicz asks for the next agenda items, issuance of RFPs etc.

Jshnu Mukerji (Hewlett-Packard) moves to issue the Executable UML Foundation RFP (OMG document number ad/05-04-02)

Bran Selic (IBM) seconds the motion

Rebecca Bergersen (IONA) moves White Ballot

Wim Bast (Compuware) is opposed to White Ballot

Wim Bast: It will be counter-productive to issue. RFP doesn't ask for semantics, just executable subset.

Fred Waskiewicz asks for a vote to issue the RFP by show of hands

Vote by show of hands. In favour: 21 Against: 1 Abstain: 5.

Motion to issue passes.

Char Wales (MITRE moves to issue the UML Profile for CORBA and CORBA Components RFP (OMG document number mars/2005-04-24)

Laurent Rioux (THALES) seconds the motion

Frank Pilhofer (Mercury Computers) moves White Ballot

There is none opposed to White Ballot

Motion passes by White Ballot

Ben Calloni (Lockheed Martin) moves to issue the UML Extension Profile for SoC RFC (OMG document number realtime/2005-04-12)

David Fitkin (Rockwell Collins seconds the motion

Laurent Rioux moves White Ballot

There is none opposed to White Ballot

Motion passes by White Ballot

Gerardo Pardo (Real-time Innovations) moves to Charter Data Distribution Service RTF (second RTF) with the following dates and membership:

Contact: data-distribution-rtf@omg.org

Schedule		
Event	Date	Notes
Base document(s)		Formal/2004-12-03, ptc/2004-04-13, ptc/2004-04-14. FTF documents: ptc/2004-0-12, ptc/2004-04-15. Documents frm the first RTF: ptc/2005-03-08, and ptc/2005-03-16
Voting List Deadline	April 15, 2005	
RTF Public Comment Deadline	December 31, 2005	
RTF Revision Deadline	April 14, 2006	

Voting List:

Company	Date	Notes
Borland Software Corporation		Dave Stringer
MITRE		Char Wales
Naval Surface Warfare Center		Charles Fudge
Raytheon		Jerry Bickle
Real-Time Innovations		Gerardo Pardo-Catellote (CHAIR)
Rockwell Collins		David Haverkamp

THALES		Virginie Watine
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Char Wales (MITRE seconds the motion
Fred Cummins (EDS) moves White Ballot
There is none opposed to White Ballot
Motion passes by White Ballot

Jishnu Mukerji (Hewlett-Packard) moves to appoint Manfred Koethe of 88solutions as
Diagram Interchange FTF chair
Julien Maisonneuve (Alcatel) seconds the motion
Rebecca Bergersen (IONA) moves White Ballot
There is none opposed to White Ballot
Motion passes by White Ballot

Frank Pilhofer (Mercury Computers) moves to charter the High Performance Enablers
Finalization Task Force with the following dates and membership:

Contact: hp-enablers-fff@omg.org

Schedule		
Event	Date	Notes
Base document(s)		realtime/2005-03-05
Publication Deadline	January 7, 2005	
Voting List Deadline	April 15, 2005	
Draft Adopted Specification Deadline	June 1, 2005	
FTF Comments due	December 1, 2005	
Recommendation and Report deadline	March 1, 2006	

Voting List:

Company	Date	Notes
Borland Software Corporation		Andreas Wolf
Hewlett-Packard		Jishnu Mukerji
L-3 Communications Systems West		Mark Scoville
Mercury Computer Systems		Jim Kulp
Objective Interface Systems		Victor Giddings (CHAIR)
PrismTech		Steve Osselton
Ravtheon		Bob Kukura

Real-Time Innovations		Gerardo Pardo-Castellote
Rockwell Collins		David Haverkamp

Ben Calloni (Lockheed Martin) seconds the motion
David Fitkin (Rockwell Collins) moves White Ballot
There is none opposed to White Ballot
Motion passes by White Ballot

Wim Bast (Compuware) moves to amend the charter of Diagram Interchange FTF to make report deadline 6th June 2005
Bran Selic (IBM) seconds the motion
Jishnu Mukerji (Hewlett-Packard) moves White Ballot
There is none opposed to White Ballot
Motion passes by White Ballot

Bran Selic (IBM) moves to charter Java to IDL 2005 RTF with the following dates and membership:

Java to IDL 2005 RTF

Status: Voting List deadline has passed.

Contact: java2idl-rtf@omg.org

Schedule		
Event	Date	Notes
Base document(s)		formal/2003-09-04
Voting List Deadline	April 15, 2005	
RTF Public Comment Deadline	January 31, 2006	
RTF Revision Deadline	May 19, 2006	

Voting List:

Company	Date	Notes
BEA Systems		Andy Piper
Borland Software Corporation		Masood Faruqui
Fujitsu		Yoshitaka Honishi
IONA		Eoghan Glynn
International Business Machines		Simon Nash (CHAIR)

Objective Interface Systems		Bill Beckwith
Oracle		Jeff Mischkinsky
Sun Microsystems		Harold Carr

Ed Cobb (BEA Systems) seconds the motion
Rebecca Bergersen (IONA) moves White Ballot
There is none opposed to White Ballot
Motion passes by White Ballot

Pete Rivett (Adaptive) moves to charter MOF2 Core RTF with the following dates and membership:

Contact: mof2core-rtf@omg.org

Schedule		
Event	Date	Notes
Base document(s)		ptc/2004-10-15
Voting List Deadline	April 15, 2005	
RTF Public Comment Deadline	June 1, 2005	
RTF Revision Deadline	September 23, 2005	

Voting List:

Company	Date	Notes
88solutions		Manfred Koethe (co-CHAIR)
Adaptive Ltd.		Pete Rivett (co-CHAIR)
Borland Software Corporation		Karl Frank
Compuware Corporation		Wim Bast
DSTC		Keith Duddy
Fraunhofer FOKUS		Michael Soden
Fujitsu		Hiroshi Miyazaki
Hewlett-Packard		Jishnu Mukerji
INRIA		Jim Steel
Interactive Objects Software GmbH		Simon Helsen
International Business Machines		Jim Amsden (co-CHAIR)
MetaMatrix, Inc.		Randall Hauch
SAP AG		Axel Uhl
Softimeam		Philippe Desfray

Sun Microsystems		Martin Matula
Unisys		Sumeet Malhotra
X-Change Technologies Group, LLC		Joaquin Miller

Jishnu Mukerji (Hewlett-Packard) seconds the motion

Rebecca Bergersen (IONA) moves White Ballot

There is none opposed to White Ballot

Motion passes by White Ballot

Pete Rivett (Adaptive) moves to charter MOF 2 IDL FTF with the following dates and membership:

Contact: mof2idl-ftf@omg.org

Schedule		
Event	Date	Notes
Base document(s)		ptc/2004-05-13, ad/2004-01-15, ad/2004-01-16. Additional documents of the first FTF: ptc/2005-03-04, ptc/2004-03-06, and ptc/2005-03-07
FTF Comments due	June 30, 2005	
Voting List Deadline	April 15, 2005	
Recommendation and Report deadline	December 16, 2005	

Voting List:

Company	Date	Notes
Adaptive Ltd.		Pete Rivett
Fraunhofer FOKUS		Michael Soden (CHAIR)

Frank Pilhofer (Mercury Computers) seconds the motion

Second: Pilhofer

Rebecca Bergersen (IONA) moves White Ballot

There is none opposed to White Ballot

Motion passes by White Ballot

Pete Rivett (Adaptive) moves to amend the MOF2 XMI 1.1 RTF charter to change the name to XMI for MOF2 and to replace Sridhar Iyengar with Jim Amsden (who also becomes chair)

Bran Selic (IBM) seconds the motion

Rebecca Bergersen (IONA) moves White Ballot

There is none opposed to White Ballot
Motion passes by White Ballot

David Fitkin (Rockwell Collins) moves to extend the GIOP-SCTP FTF final report deadline to 1 July 2005
Jishnu Mukerji (Hewlett-Packard) seconds the motion
Rebecca Bergersen (IONA) moves White Ballot
There is none opposed to White Ballot
Motion passes by White Ballot

Frank Pilhofer (Mercury Computers) moves to charter the Streams for CCM 2005 FTF with the following dates and membership:

Contact: ccmstreams-ftf@omg.org

Schedule		
Event	Date	Notes
Voting List Deadline	April 15, 2005	
Draft Adopted Specification Deadline	June 1, 2005	
Publication Deadline	July 1, 2005	
FTF Comments due	December 1, 2005	
Recommendation and Report deadline	March 1, 2006	

Voting List:

Company	Date	Notes
Fraunhofer FOKUS		Tom Ritter
Mercury Computer Systems		Jim Kulp (CHAIR)
Objective Interface Systems		Victor Giddings
THALES		Vincent Seignole

Rebecca Bergersen (IONA) seconds the motion
Fred Cummins (EDS) moves White Ballot
There is none opposed to White Ballot
Motion passes by White Ballot

Bran Selic (IBM) moves to add Chris Armstrong (Armstrong Process Group) to the UML2 RTF
Pete Rivett (Adaptive) seconds the motion
Rebecca Bergersen (IONA) moves White Ballot
There is none opposed to White Ballot
Motion passes by White Ballot

Bran Selic (IBM) moves to extend the 2nd UML Profile for Fault Tolerance for QoS FTF report deadline to 1 July 2005

Ben Calloni (Lockheed Martin) seconds the motion

Jishnu Mukerji (Hewlett-Packard) moves White Ballot

There is none opposed to White Ballot

Motion passes by White Ballot

Jishnu Mukerji (Hewlett-Packard) moves to extend the UML profile for EDOC 1.1 RTF report deadline to 23 Sept 2005

Tanaka-san (Hitachi) seconds the motion

Fred Cummins (EDS) moves White Ballot

There is none opposed to White Ballot

Motion passes by White Ballot

Motion to extend UML Testing profile RTF final report deadline to 16th Dec 2005

Move: Pilhofer

Second: Mukerji

WB: Cummins

None opposed

Frank Pilhofer (Mercury Computers) moves to extend the OCL2 FTF deadline to 6th June 2005 and to replace Karl Frank (Borland) with Mariano Belaunde (France Telecom) as chair

Wim Bast (Compuware) seconds the motion

Bran Selic (IBM) moves White Ballot

There is none opposed to White Ballot

Motion passes by White Ballot

Fred Waskiewicz then initiates the Technology Adoption Recommendation Vote polling. Technologies under consideration are:

High Performance Enablers Revised submission (realtime/05-03-05)

MOF2-IDL FTF final report (ptc/05-03-04)

RAS FTF Final report (ptc/05-04-03)

Data distribution RTF final report (ptc/05-03-08)

In Favour

IONA, MITRE, Fujitsu, Interactive Objects, Compuware, Adaptive, Boeing, Visa International, Lockheed Martin, Raytheon, Rockwell Collins, RTI, NSWC, Fraunhofer FOKUS, Mercury Computers, EDS, Hitachi, Alcatel, Thales, IBM

None against

No abstains

Streams for CCM submission (mars/05-03-06 & errata mars/05-03-18)

In favour

MITRE, IONA, Fujitsu, Interactive Objects, Compuware, Adaptive, Boeing, Visa International, Lockheed Martin, Raytheon, Fraunhofer FOKUS, Mercury Computers, Hitachi, EDS, Alacatel, Thales, IBM, EDS, NSWC, RTI

None Against

Abstentions:
Rockwell Collins

Fred Waskiewicz asks if there is any other business coming before the PTC. There being no other business, the PTC adjourns at 10:15 a.m.