

FOUNDATION FOR INTELLIGENT PHYSICAL AGENTS

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2003/08/22	Initial draft, Mike Kerstetter		
2003/09/03	Rev. 1, Mike Kerstetter, added Semantics resolutions, doc. number		

Resolutions of the 29th FIPA meeting in Banff, Canada August 20-22, 2003.

1. FIPA activities:

- The Board regretfully accepts the resignation of Menno Jonkers of Tryllian from the FIPA Board of Directors. The Board wishes to express its profound appreciation to Menno who has served as President of the Board since the 2002 Pensacola meeting. His enthusiasm, dedication, insight, and leadership were instrumental in guiding FIPA through a period of serious organizational uncertainty and redirection.
- The Board nominates Mike Kerstetter from Boeing to assume the vacant President position. It also nominates Stefan Poslad to assume the Vice President position, vacated by Mike Kerstetter, in addition to his role as Board Secretary. The Board will issue a call for nominations for the vacant Board position with the intent to fill it by or at the 30th FIPA meeting.
- Marian (Misty) Nodine of Telcordia agrees to serve as co-Chair of TC Interaction Protocol.
- The Board thanks Frank McCabe of Fujitsu, USA for his leadership and dedication as Chair of TC Semantics. Everett Sherwood of Motorola tentatively agrees to serve as Chair of TC Semantics contingent on the approval of his company management. Ev requests a formal invitation from FIPA.
- Tentative times and locations of the next 2 meetings:

Meeting	Dates	Location	Country	Host
30	November 19-21, 2003	London	UK	Jim Odell coordinator, co-located with OMG
31	March/April, 2004	Washington DC	USA	Margaret Lyell
31	March/April, 2004	Austin, TX	USA	Marian Nodine

2. FIPA requests that the secretariat remind all committee chairs to update their relevant sections of the FIPA website with current information.

3. The board will continue to work on the strategic positioning of FIPA and its activities with respect to other relevant standardization bodies.
4. Resolutions of Technical Committees, Working Groups, and Special Interest Groups:

TC Ad-hoc Resolutions

The WG Ad-hoc proposes that FIPA adopt the following resolutions.

- Updated workplan according to the following decisions:
- Scope: The TC will specify a mechanism for dynamic discovery and interoperability of FIPA agents residing in different platforms on different devices in mobile ad-hoc environments.
- The TC will produce a whitepaper appointing possible approaches for achieving the scope (further analysis / classification of relevant existing ad-hoc and P2P technologies / mechanisms; investigation in relevant use-case scenarios; overview of possible architectures). The whitepaper will be finished at FIPA31.
- The TC will produce a preliminary specification proposal until end FIPA30, and an experimental specification until FIPA31.
- Discussion about the current Agent Discovery Service specification proposal version 1.0. Consideration of the email-input from Fabio Bellifemine, Celeste Campo, Jonathan Dale, Heikki Helin, and Michael Pirker.
- Decisions taken:
 - ADS will be an independent component / agent and will have an ACL interface and its own ontology (ADS will allow Combination of own and existing ad hoc / P2P discovery mechanisms)
 - Specification will be MTS-like
- Production of a version 1.1 of the specification during the meeting
- Open points:
 - Profile for ADS or any DM (discovery middleware) to describe the actual discovery capabilities (agent discovery, platform discovery, ...) in order to act accordingly
 - Question to FAB: one specification or 3 specifications? (API as one spec with JXTA and BT in appendix or 3 specific specifications)
- Cont. writing of the specification and the white paper until FIPA30
- TC Ad hoc thanks to: Heikki Helin, Margaret Lyell, Michael Berger

TC Modeling

TC Modelling did the following during its meetings:

- Discussed the Interaction Diagram document and decided that it was still a work-in-progress that requires refinement that should continue between meetings (i.e., it is in generally good shape, and further refinement now requires more involvement from the FIPA membership—and beyond

- Discussed the Class Diagram document and determined that the notions of *role*, *group*, *environment*, and *context* should be added to this document.
- Spent most of our time working of the formalization of *role* and other similar notions. TC Modeling proposes that FIPA adopt the following resolutions:
- The Modelling TC participants agreed to continue the refinement of the FIPA AUML language specifications for Class Diagrams and Sequence Diagrams.
- The Modelling TC participants agreed that the notions of *role*, *group*, *environment*, and *context* are important notions for modelling agent-based systems. As such, it was agreed that these areas would be explored and defined by this TC.
- The Modelling TC would like to express its appreciation to those participants produced papers for the following modelling areas: multi- vs. single agent, agent “class/component” and implementation structure, goal and soft goals, use cases, social aspects, environment, workflow/planning, levels of abstraction, temporal constraints, policies, deployment and mobility. The Modelling TC also encourages those authors who have not completed their documentation, to do so by October 2003.
- The Modelling TC would like to express its appreciation to those participants produced summary documentation of the following sources of notations that should be considered for a FIPA AUML: UML 2.0, AOR, PASSI, MESSAGE, Tropos (includes i* and GRL), Adelphi, Gaia, Brixs, Styx, Prometheus, Madkit, OPEN, OPM.
- The Modelling TC would like to thank the following people for their participation at this meeting Shaw Feng, Mike Kerstetter, Misty Nodine, James Odell, Everett Sherwood, and Mike Uschold.

TC Services Resolutions

The outline of the TC Services meetings was:

- Initial Report Specification document started, captures work- to-date
 - White paper at Agent Cities workshop (July 03)
 - Brief review of work-to-date
- Session I
 - Presentation (Input) on AAMAS 03 paper of P. Charlton and M. Ribiere
 - Review of Status of Specifications
 - Start of Specification Write-up Mailed to Lists
 - (Services, Chat, FAB)
- Session II
 - Agent and service fundamental tech issues impacting service composition or aggregation Including (Session II continued ...)
 - Orchestration vs Co-ordination
 - Ramifications for Service Description
 - FIPA Service Description

- Mapping to DAML-S

TC Services proposes that FIPA adopt the following resolutions:

- Continue work to develop Service abstract architecture in the area of composed or aggregated services
- With the above done, develop revised Service Description
- Reflect this work in the Specification document that is under development
- Present the outcome at the next FIPA meeting (London) Thank all contributors to the TC, especially Michael Berger, Mike Kerstetter, Margaret Lyell, Misty Nodine, Jim Odell, Ev Sherwood, Mike Uschold.

TC Semantics Resolutions

The outline of the TC Semantics meeting is as follows:

- The topic "Enabling Information Exchange with Semantics Concepts" was presented by Everett Sherwood (Motorola Laboratories).
- Included in the talk were:
 - A Review of Low-Level Semantics (word, sentences, categories, and their organizations)
 - The use of Questions and Answers as a Basis for Exchange

TC Semantics resolves to:

- A draft of a revised work plan will be submitted to the FAB for their consideration prior to the November meeting.

Image Committee Resolutions

- Investigate in analysing the structure and process of W3C, OASIS, and the GRID forum to ascertain the relevance of potential relationships with FIPA; distribution of results over email
- FIPA presentation at the co-hosted IDIN03 conference by Michael Berger.
- The image committee thanks to: Michael Berger, Margaret Lyell, Marian Nodine, Stefan Poslad

TC Security

TC Security did not meet.

TC Ontology Resolutions

TC Ontology did not meet.

TC Methodology Resolutions

TC Methodology did not meet.

TC Interaction Protocols

TC Interaction Protocols did not meet.

FIPA Architecture Board Resolutions

The Architecture Board did not meet.

5. FIPA thanks the following individuals for participating in and making valuable contributions to the FIPA Workshop:

Name	Affiliation
Mihaela Ulieru	University of Calgary
Enrique Tognalli	University of Calgary
Joerg Wittenberger	SofteYes

6. FIPA thanks the management and staff of Banff Center for their excellent meeting facilities and friendly support in Banff, Canada, Mihaela Ulieru for hosting the 29th meeting of FIPA as well as her team, Margaret-Ann Stroh, in particular, and also the FIPA Secretariat Jacquie Kelly.
7. FIPA invites its membership and contributors to the FIPA process to its 30th meeting, dates and location to be confirmed shortly.