

Foundation for Intelligent Physical Agents

Source: L. Chiariglione

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fipa9402.doc

Resolutions of Nice meeting

1. Board Resolutions

FIPA notes

1. The delivery of FIPA diplomas to outstanding contributors to FIPA 98.
2. the report of the Board of Directors concerning commissioning the development of a FIPA "meeting scheduler" application to be deployed on a large scale;
3. the liaison letter to OMG (fipa9421);
4. the decision of the Board to review the FIPA Academy membership.

2. Secretariat Report

FIPA notes the report of the Secretariat (fipa9404). Members who have not provided the signed statutes and notified the names of formal communication points are requested to do so without delay.

3. Resolutions of Technical Committees

A. TC A Resolutions

TC A proposes that FIPA adopt the following resolutions:

- 1) Issue an interim draft of the document *Architecture Overview*, FIPA 9408.
- 2) Announce its intent to hold an interim TC A meeting, to be hosted by the IBM Thomas J. Watson research center in Hawthorne NY, on May 25 and 26. Contact: David W. Levine, dwl@watson.ibm.com, (914) 784-7427. Minutes of this meeting to be published on the TCA reflector.
- 3) Request FIPA members interested in the architecture work to continue to provide comment and feedback on the TCA reflector, arch@fipa.org. (Typographical errors may be reported directly to the editor, Geoff Arnold, geoff.arnold@sun.com.)
- 4) Request FIPA members to review the Architecture Overview document and comment on its suitability as a basis for FIPA's response to the OMG RFI (reference to be supplied). (TCA intends to prepare a response to the RFI for review at the San Francisco meeting of FIPA, and will submit it to OMG shortly afterwards.)
- 5) Thank the FIPA membership for its feedback and comments on the TCA reflector between the Seoul meeting and the current meeting.
- 6) Thank the following for their work at this meeting of TCA: Bart Bauwens, Charles Pow, Jeff

Bradshaw, David Levine, Donald Steiner, Fabio Bellifemine, Frank McCabe, Geoff Arnold, Hiroki Suguri, Paul O'Brien, Phil Buckle, Steve Willmott, Thierry Bouron, Wayne Jansen, Bernard Burg, and Stefan Poslad.

B. TC B Resolutions

TC B proposes that FIPA adopt the following resolutions:

1. Approval of a roadmap with additional milestones to the completion of the specifications. These milestones are:

Agent Naming

FIPA spec 17 –1999 Agent Naming Ver 0.1 (End of Nice Meeting)
Produce naming Draft for begin of SF Meeting.

Agent Message Transport

FIPA spec 16 –1999 Agent Message Transport Ver 0.1 (End of Nice Meeting)
Edited a call for proposal for additional Message Transport
Produce transport Draft for end of SF meeting.

Commitment to produce the following specifications at the end of Japan,
Agent configuration management (Ed. J. Dale, FIPA spec 15 - 1999)
Agent message transport (Ed. S. Willmott, FIPA spec 16 - 1999)
Agent naming (Ed. B. Burg, FIPA spec 17 - 1999)
Agent Management FIPA98 v2 (Ed. B. Burg, FIPA spec 1 - 1999)

The following logistics will be used:

email reflectors,
presentations in plenary meetings, written proposals.

2. Produce a draft on use of the SMTP (Simple Message Transfer Protocol) syntax, baseline doc on May 5, input document sent to Editor S; Willmott on May 14
3. Have a FIPA TC B intermediate meeting in Paris, May 26-28 1999
4. Have a Video-Conference on may 27

C. TC C Resolutions

TC C proposes that FIPA adopt the following resolutions:

1. The TC approves Version 0.1 of FIPA Spec 2 – 1999, Agent Communication Language, including the following changes to previous versions of ACL:
 - The concrete string-based ACL message syntax as described in Section 6.4, Message syntax of the previous specifications has been moved to the document FIPA Spec 16 – 1999, Agent Message Transport.
 - FIPA Spec 2 – 1999 will provide an abstract syntax of ACL, which may be translated into a variety of concrete message syntaxes, as described in FIPA Spec 16 – 1999.
 - The specification of the content languages SL, SL0, SL1 and SL2 as suggested by previous specifications has been moved to the document FIPA Spec 18 – 1999, FIPA Content Languages

- A proposed extension to the Unified Modeling Language (UML) for specifying and representing Interaction Protocols is specified and applied to some of the current FIPA interaction protocols
 - A proposal for handling brokerage is incorporated. This involves the introduction of two new (composite) communicative acts, `proxy` and `propagate` as well as interaction protocols using these CAs.
 - More attention will be devoted to the use and meaning of Interaction Protocols. In particular, the issue of adherence of the formal semantics of CAs in the context of the IPs will continue to be examined.
2. The TC will continue to delay determining the editor of FIPA Spec 2 - 1999 to the next meeting.
 3. The TC gratefully acknowledges the contributions of Jeremy Pitt, Alain Leger, Frederico Bergenti, Afsaneh Haddadi, Mark Greaves, Wiet Bouma, Makoto Okada, Monique Calisti, Bart Bauwens, Donald Steiner, Thierry Bouron, David Sadek, Yannis Labrou and those who submitted proposals to CfP 5 and CfP 6.

D. TC D Resolutions

TC D proposes that FIPA adopt the following resolutions:

1. TC D thanks the members who presented demonstrations of FIPA-related software and the support offered by France Telecom.
2. TC D approves the document “FIPA Field Trial Plans by Members” (fipa9405.doc).
3. TC D approves the document “FIPA-related Software Developed by Members and Non-Members” (fipa9406.doc).
4. TC D encourages members to keep these documents up to date. Any update information shall be mailed to TC D reflector: interop@fipa.org.
5. TC D approves the document “Call for Offers for the Meeting Scheduling Application” (fipa9407.doc).
6. TC D approves the appointment of François Arlabosse as the editor of FIPA Developer’s Guide.
7. TC D approves the TC D call for proposals as part of FIPA CFP7.
8. TC D approves the following work plan for 1999:
 - July, San Francisco
 - Initial report on the meeting scheduling application
 - Apply the validation process to the meeting scheduling application
 - Report on the interoperability trials over the Internet
 - Demonstration of FACTS projects (Audio/Visual Entertainment and Broadcasting, Personal Travel Assistant and VPN Management and Provisioning)
 - October, Japan
 - Framework for the Developer’s Guide (to contribute to TC A)
 - Demonstration of the meeting scheduling application and others (three applications from FACTS second stage are expected)
9. TC D acknowledges the contributions of: François Arlabosse, Fabio Bellifemine, Federico Bergenti, Thierry Bouron, Laurent Maillet-Contoz, Takahiro Kawamura, Ryusuke Masuoka, Denis Pierre, Jean Sallantin, Hiroki Suguri and Tianning Zhang.

E. TC E Resolutions

TC E proposes that FIPA adopt the following resolutions:

1. TC E approves the Call for Proposal to get more information in the topic of *FIPA message Transport Service* over low throughput, unreliable data communications.
2. TC E will continue the specification work and drafting the specification of TC E between Nice and San Francisco meeting. The ideas, drafted text, and comments will be distributed using the reflector site of Nomadic Application Support.
3. TC E will include in its specification the bit-efficient representation of ACL and SL. And TC E decided to support TC B to specify how to select the representation of ACL and content language.
4. TC E will support TC B in the effort of specifying the selection of FIPA message Transport Service.
5. TC E approves the version 0.1 of FIPA Spec 14 - Nomadic Application Support.

4. Approval of FIPA 1999 ver. 0.1 specifications

FIPA approves the following ver. 0.1 draft specifications

FIPA Draft ID	Title	Doc#	Publication
FIPA Draft 0 - 1999	Architectural Principles	fipa9410	Restricted
FIPA Draft 1 - 1999	Agent Management	fipa9411	Yes
FIPA Draft 2 - 1999	Agent Communication Language	fipa9412	Yes
FIPA Draft 14 - 1999	Nomadic Application Support	fipa9414	Yes
FIPA Draft 16 - 1999	Agent Message Transport	fipa9416	Yes
FIPA Draft 17 - 1999	Agent Naming	fipa9417	Yes
FIPA Draft 18 - 1999	Content languages	fipa9418	Yes

Non FIPA members may access FIPA Draft 0 - 1999 by making a request to Geoff Arnold. The FIPA Secretariat will be asked to make this known on the FIPA web site.

5. Resolutions of the SIG

David Levine will co-ordinate the draft response to the RFI from OMG on Agents and the Object Management Architecture (drafting, comments etc.), and its timely arrival at OMG. Jeff Bradshaw will assist him in this process.

6. Seventh Call for Proposals

FIPA approves its Seventh Call for Proposals (fipa9419) with thanks to all those who contributed material for the Call and particularly to Phil Buckle for his efforts in putting the document together.

7. Call for Offers 1

FIPA approves the Call for Offers 1 (CfO 1) soliciting offers to develop software implementing a meeting scheduler by the time of the October 1999 meeting (fipa9407). Offers should be originated by FIPA members or external companies that are introduced by a FIPA member. CfO 1 will be posted on the FIPA web site on 99/04/19 and will be distributed via email by the Secretariat to potentially interested parties. The deadline for submissions is receipt of the offers by the Secretariat by 99/05/07T23:59 UTC in electronic form. A physical copy of the offer must be received 99/05/14T15:00 UTC. An evaluation committee composed of H. Suguri (Chair), R. Hadingham and F. McCabe will review the offers and will entertain negotiations with selected

bidders. The evaluation committee will make recommendations of shortlisted offers for action by 99/05/17. The Board reserved the right not to accept any offer.

8. Specifications planned for 1999

FIPA approves its publication plan for 1999 with the corresponding TCs and editors in charge:

FIPA Spec ID	Title	TC	Editor
FIPA Spec 0 - 1999	Architectural Principles	A	Geoff Arnold
FIPA Spec 1 - 1999	Agent Management	B	Bernard Burg
FIPA Spec 2 - 1999	Agent Communication Language	C	TBD
FIPA Spec 13 - 1999	FIPA Developers' Guide	D	François Arlabosse
FIPA Spec 14 - 1999	Nomadic Application Support	E	Heikki Helin
FIPA Spec 15 - 1999	Agent Configuration Management	B	Jonathan Dale
FIPA Spec 16 - 1999	Agent Message Transport	B	Steve Willmott
FIPA Spec 17 - 1999	Agent Naming	B	Bernard Burg
FIPA Spec 18 - 1999	Content languages	C	TBD

FIPA will develop a revision of FIPA Spec 5 - 1997 "Personal Assistant" in the context of its planned development of the meeting scheduler application by an external company.

FIPA discontinues its planned development of FIPA Spec 9 - 1999 "Product Design and Manufacturing". This development will be resumed if and when sufficient commitment will be obtained by members.

9. Acknowledgment of support

FIPA acknowledges that several members are bringing contributions to FIPA specifications that originate from work funded by national R&D programs, in particular DARPA and the EU ACTS program.

10. FIPA-related software

FIPA welcomes the list of FIPA 97-related software developed by members (fipa9406).

11. Field trials by members

FIPA welcomes the description of FIPA field trials being conducted or planned by members and consortia (fipa9405).

12. Demonstrations at Nice

FIPA thanks the companies that have made demonstrations of agent based applications:

British Telecom

France Telecom

Fujitsu (2)

Montpellier University

Toshiba

13. Press Release

FIPA approves the Nice Press Release (fipa9403).

14. Workplan

FIPA approves its workplan

Year	Month	Days	Place	Work item	Action
1999	Apr	12-16	Nice	1 st	Field trial results
				2 nd	Field trial results
				3 rd	FIPA DRAFT-1999-xxx-1
1999	Jul	05-09	San Francisco	1 st	Field trial results
				2 nd	Field trial results
				3 rd	FIPA DRAFT-1999-xxx-2
1999	Oct	18-22	Kawasaki	1 st	Field trial results
				2 nd	FIPA SPEC-1999-xxx-1
				3 rd	FIPA SPEC-1999-xxx-0
				4 th	8 th Call for Proposals issued
2000	Jan	24-29	London	2 nd	Field trial results
				3 rd	Field trial results
				4 th	Proposals received Baseline draft spec produced 9 th Call for Proposals issued
2000	Apr		America	2 nd	Field trial results
				3 rd	Field trial results
				4 th	FIPA DRAFT-2000-xxx-1

Field trials are those carried out independently by members and non members, e.g. those documented in fipa9405.

15. Acknowledgement

FIPA thanks France Telecom for offering FIPA excellent meeting facilities and friendly support in sunny Nice in the hosting of its 13th meeting, in particular:

David Sadek

Thierry Bouron

Aain Léger

Jean Simon

Dalila Bennama