FIPA	98/04/24
FOUNDATION FOR INTELLIGENT PHYSICAL AGENTS	Osaka
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Resolutions of Osaka meeting

1. FIPA notes the report of the Board of Directors concerning
   - The suggestion to reconsider the Palo Alto decision to not develop FIPA 97 conformance testing by addressing the simpler problem of testing for not conformance
   - The start of a process aimed at making publicly available software implementing some basic FIPA 97 tools. Fipa8405 gives a first map of which software members are developing or have already developed. Members are encouraged to make known by the Dublin meeting their intention of making all or part of their software available to FIPA members as well as to non-FIPA members.

2. Resolutions of Technical Committees

TC1

TC1 proposes that FIPA adopt the following recommendations :

1) To issue the following draft specifications :
   FIPA8414 : FIPA98 Part 10 : Security Management (v.0.1)
   FIPA8415 : FIPA98 :Part 11 : Agent Management Support for Mobility (v.0.3)
   FIPA8411 : FIPA98 Part 1 : Agent Management (v.0.1)
   FIPA8421 : FIPA97 Part 1 : Agent Management (v.1.1)

2) To agree to the following TC1 action points and workplan :

Actions :

AP1:	Review security management document and send comment to M	TMT/WJ/KK
AP2:	Produce assigned security examples for Dublin	MT/WJ/KK
AP3:	Review structure of Agent Management (FIPA 98 Part 1) specification.	ALL
AP4:	Produce scope statement on Agent Configuration	Frank McCabe
AP5:	Provide detailed explanation on use of IIOP and its implication s	Donie O'Sullivan
AP6:	Continue work on developing mobility protocols	Johnathan Dale
AP7:	Continue technical discussions on TC1 email reflector fipa.man@info.bt.co.uk	ALL

Workplan

Mobility Management	when
1. Define protocols to support different types of mobility (e.g. cloning)	Dublin
2. Consolidate AM Ontology definition (e.g. agent platform profile)	Dublin
3. Define mapping to MASIF	Dublin

Agent Management (FIPA98)	when
1. Define subscribe action	Dublin

2. Produce more detailed specification on the FIPA message transport mechanism (asynch)	Dublin
3. Produce section on facilities for device mobility	Dublin
4. Relate to agent mobility & security specifications	Dublin/US
5. GUID Revision	Dublin

Security Management	when
1. Extend / refine the ontology	Dublin
2. Refine the normative references	Dublin
3. Explain the use of :envelope parameter for transport level security	Dublin
4. Develop concrete examples for the use of transport level security, e.g. CORBA security services or SSL.	Dublin
5. Provide agent security management object descriptions	Dublin
6. Investigate the use of the agent management platform profile for security purposes	Dublin / NC (oct 98)
7. Mobility: specify security ontology including operations for mobility	Dublin / NC (oct 98)
8. Provide exception handling for the different operations	Dublin / NC

TC2

- TC2 adopts the OKBC knowledge model. Therefore, it requests SIG to make a liaison with the HPKB DARPA program and to check any legal issue (IPR/copyright) dealing with the usage of this part of the OKBC specifications;
- TC2 requests TC1 to enhance the DF functionality to allow querying the DF for the list of ontologies supported by an agent;
- TC2 requests TC10 to clarify usage of ACL about how to transfer data between agents;
- TC2 recognises the expertise of Nicola Guarino and Adam Farquhar in this field of activity and propose them as new members of the FIPA Academy;
- TC2 approves version 0.1 of Part 12 of FIPA98 specifications;
- TC2 approves the following list of action points to be delivered at next FIPA meeting:

Edit the section “Naming and Referring to Ontologies”	Wiet Bouma (KPN)
Edit scenarios illustrating the features offered by the usage of the Ontology Agent: scenario 3 scenario 4 scenario 5 new scenario on ontology equivalence	 Fabio Bellifemine (CSELT) Charlie Pow (Lockeed Martin) Thierry Bouron (CNET) Francois Carrez (Alcatel)
Edit the section on the interaction protocol to agree on a shared ontology and represent the protocol by using the Unified Modeling Language	Charlie Powe (Lockeed Martin
Editor for Annex B “Guidelines to develop a new ontology” (it is basically an adaptation of a Gomez paper; currently it is an internal working document and it is not part of version 0.1 neither public)	Alain Leger (CNET) expected comments and contributions from all members of TC2
Registration of a new ontology with the ARB	All
Translation of expressions between ontologies	All

TC 8

- approval of modified reference model by generalizing user interface as a functionality called UDMS (User Dialog Management Service).

- approval of inclusion of End User Form translation to informative part.
- approval of identification of HAI relevant agent-type and service-type to be registered via fipa-man-df-agent-description:
  - fipa-hai-agent
  - fipa-udms (User Dialog Management Service)
  - fipa-umrs (User Model Representation Service)
  - fipa-umls (User Model Learning Service)
- approval of identification of security and privacy issues to be specified in FIPA 98 Part 8 based on Part 10 where authentication of agents and secured messaging protocol are specified.
- approval of specification of user modeling ontology based on Ontology Service TC.
- approval of inclusion of learning service actions proposed by IBM to normative part.
- approval of inclusion of W3C's P3P specification as informative reference and continuous considerations to the next version of P3P specification to be published in May.

TC10

TC10 proposes that the Plenary accept:

- Version 1.1 of FIPA 97 Part 1
- Version 1.1 of FIPA 97 Part 2
- Version 0.2 of the FIPA 97 Developer's Guide (including the FIPA 97 FAQ).
- An update of the FIPA 97 Issue Tracker (html format)

TC10 invites FIPA members to:

- Read the Developer's Guide and contribute sections where appropriate
- Read the FIPA 97 FAQ and participate by answering (and asking) questions

TC10 proposes that the Plenary accept the following actions:

- Nortel to investigate provision of a standard form or template for comment submissions
- Abe Mamdani to consider ways to maintain the FIPA 97 Issue Tracker form with a link from the FIPA web pages
- CSELT to put a link to the fipa97@nortel.co.uk email address

4. FIPA approves the resolutions of the SIG

- Ways to interface with W3C will be explored with help of Donald Steiner, Wolfgang Pohl and Yuji Takada

5. Five ad-hoc groups are established to discuss matters related to the FIPA 97 field trials, FIPA 98 and the SIG.

ahg#	**Chair**	**email address**	**reflector address**
ahg1	P. O'Brien	Obrienpd@info.bt.co.uk	fipa.man@info.bt.co.uk
ahg2	F. Bellifemine	Fabio.bellifemine@cselt.it	fipa-onto@kim.cselt.it
ahg3	Y. Miyazaki	Wolfgang.Pohl@gmd.de	fipa-hai@gmd.de
ahg4			Fipa-developers@kim.cselt.it
ahg5	L. Bouma	l.g.bouma@research.kpn.com	fipa-sig-stand@kim.cselt.it

Those interested to join an ad-hoc group should send an e-mail to the relevant chairman.

6. FIPA approves the document "Development of FIPA Specifications" (fipa8406)

7. FIPA approves the Osaka Press Release (fipa8403)

8. FIPA approves its workplan

Work items	Action	Year	Month	Days	Place
1st 2nd	FIPA 97 ver. 1.1 FIPA 98 ver. 0.1	1998	Apr	20-24	Osaka
1st 2nd	FIPA 97 ver. 1.2 FIPA 98 ver. 0.2	1998	Jul	13-17	Dublin
1st 2nd 3rd	FIPA 97 ver. 2.0 published FIPA 98 ver. 1.0 produced Call for Proposals issued	1998	Oct	19-23	Research Triangle Park, NC
3rd	Proposals received Baseline draft spec produced Call for Proposals issued	1999	Jan	25-29	Taejon
2nd 3rd	FIPA 98 ver. 1.1 FIPA 99 ver. 0.1	1999	Apr		Europe
2nd 3rd	FIPA 98 ver. 1.2 FIPA 99 ver. 0.2	1999	Jul		America
2nd 3rd 4th	FIPA 98 ver. 2.0 published FIPA 99 ver. 1.0 produced Call for Proposals issued	1999	Oct		Asia

9. FIPA thanks Digital Video Laboratories, Fujitsu Labs, Matsushita Electric Ind., Matsushita Research Intitute Tokyo and Tohoku University for setting up exciting demonstrations of applications utilising agent technologies.

10. FIPA thanks Matsushita for offering FIPA excellent meeting facilities and friendly support in Osaka in the hosting of its 9th meeting, in particular:
Mikiko Furukawa
Takuyo Kogure
Akiko Miki
Mayumi Nakata
Takanori Senoh
Hideyo Suguri