

# FOUNDATION FOR INTELLIGENT PHYSICAL AGENTS

## FIPA Communicative Act Repository Specification

<b>Document title</b>	FIPA Communicative Act Repository Specification		
<b>Document number</b>	DC00038B	<b>Document source</b>	FIPA TC C
<b>Document status</b>	Deprecated	<b>Date of this status</b>	2001/08/10
<b>Supersedes</b>	None		
<b>Contact</b>	fab@fipa.org		
<b>Change history</b>			
2000/10/16	Deprecated by FIPA00037		
2001/08/10	Line numbering added		

© 2000 Foundation for Intelligent Physical Agents - <http://www.fipa.org/>

Geneva, Switzerland

### Notice

Use of the technologies described in this specification may infringe patents, copyrights or other intellectual property rights of FIPA Members and non-members. Nothing in this specification should be construed as granting permission to use any of the technologies described. Anyone planning to make use of technology covered by the intellectual property rights of others should first obtain permission from the holder(s) of the rights. FIPA strongly encourages anyone implementing any part of this specification to determine first whether part(s) sought to be implemented are covered by the intellectual property of others, and, if so, to obtain appropriate licenses or other permission from the holder(s) of such intellectual property prior to implementation. This specification is subject to change without notice. Neither FIPA nor any of its Members accept any responsibility whatsoever for damages or liability, direct or consequential, which may result from the use of this specification.

## 19 **Foreword**

20 The Foundation for Intelligent Physical Agents (FIPA) is an international organization that is dedicated to promoting the  
21 industry of intelligent agents by openly developing specifications supporting interoperability among agents and agent-  
22 based applications. This occurs through open collaboration among its member organizations, which are companies and  
23 universities that are active in the field of agents. FIPA makes the results of its activities available to all interested parties  
24 and intends to contribute its results to the appropriate formal standards bodies.

25 The members of FIPA are individually and collectively committed to open competition in the development of agent-  
26 based applications, services and equipment. Membership in FIPA is open to any corporation and individual firm,  
27 partnership, governmental body or international organization without restriction. In particular, members are not bound to  
28 implement or use specific agent-based standards, recommendations and FIPA specifications by virtue of their  
29 participation in FIPA.

30 The FIPA specifications are developed through direct involvement of the FIPA membership. The status of a  
31 specification can be either Preliminary, Experimental, Standard, Deprecated or Obsolete. More detail about the process  
32 of specification may be found in the FIPA Procedures for Technical Work. A complete overview of the FIPA  
33 specifications and their current status may be found in the FIPA List of Specifications. A list of terms and abbreviations  
34 used in the FIPA specifications may be found in the FIPA Glossary.

35 FIPA is a non-profit association registered in Geneva, Switzerland. As of January 2000, the 56 members of FIPA  
36 represented 17 countries worldwide. Further information about FIPA as an organization, membership information, FIPA  
37 specifications and upcoming meetings may be found at <http://www.fipa.org/>.

38 **Contents**

39	1	Scope.....	1
40	2	FIPA Communicative Act List .....	2
41	3	References.....	3
42			

## 42 **1 Scope**

43 This document intends to maintain an updated list of FIPA communicative acts, providing the information required to  
44 identify those acts and recover their relative specifications.

45

46 The communicative acts that are listed in this volatile and informative FIPA document are compliant to [FIPA00037]  
47 requirements. FIPA is responsible for updating the list, but agent developers should be aware of possible changes due  
48 to the volatile nature of components in [FIPA00037].

49

49 **2 FIPA Communicative Act List**

50 The following table contains the name of the FIPA communicative acts that are currently part of FIPA Communicative  
 51 Act Library, and the name of the FIPA documents containing the current specification of those acts. The list also  
 52 contains the date of the last modification and the assigned status of the act's description  
 53

Name	Document	Date	Status
Accept-proposal	[FIPA00039]	2000/10/16	Deprecated
Agree	[FIPA00040]	2000/10/16	Deprecated
Cancel	[FIPA00041]	2000/10/16	Deprecated
CFP	[FIPA00042]	2000/10/16	Deprecated
Confirm	[FIPA00043]	2000/10/16	Deprecated
Disconfirm	[FIPA00044]	2000/10/16	Deprecated
Failure	[FIPA00045]	2000/10/16	Deprecated
Inform	[FIPA00046]	2000/10/16	Deprecated
Inform-if	[FIPA00047]	2000/10/16	Deprecated
Inform-ref	[FIPA00048]	2000/10/16	Deprecated
Not-understood	[FIPA00049]	2000/10/16	Deprecated
Propagate	[FIPA00050]	2000/10/16	Deprecated
Propose	[FIPA00051]	2000/10/16	Deprecated
Proxy	[FIPA00052]	2000/10/16	Deprecated
Query-if	[FIPA00053]	2000/10/16	Deprecated
Query-ref	[FIPA00054]	2000/10/16	Deprecated
Refuse	[FIPA00055]	2000/10/16	Deprecated
Reject-proposal	[FIPA00056]	2000/10/16	Deprecated
Request	[FIPA00057]	2000/10/16	Deprecated
Request-when	[FIPA00058]	2000/10/16	Deprecated
Request-whenever	[FIPA00059]	2000/10/16	Deprecated
Subscribe	[FIPA00060]	2000/10/16	Deprecated

54

55

### 55 3 References

- 56 [FIPA00037] FIPA Communicative Act Library Specification. Foundation for Intelligent Physical Agents, 2000.  
57 <http://www.fipa.org/specs/fipa00037/>
- 58 [FIPA00038] FIPA Communicative Act Repository Specification. Foundation for Intelligent Physical Agents, 2000.  
59 <http://www.fipa.org/specs/fipa00038/>
- 60 [FIPA00039] FIPA Accept Proposal Communicative Act Specification. Foundation for Intelligent Physical Agents,  
61 2000. <http://www.fipa.org/specs/fipa00039/>
- 62 [FIPA00040] FIPA Agree Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
63 <http://www.fipa.org/specs/fipa00040/>
- 64 [FIPA00041] FIPA Cancel Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
65 <http://www.fipa.org/specs/fipa00041/>
- 66 [FIPA00042] FIPA CFP Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
67 <http://www.fipa.org/specs/fipa00042/>
- 68 [FIPA00043] FIPA Confirm Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
69 <http://www.fipa.org/specs/fipa00043/>
- 70 [FIPA00044] FIPA Disconfirm Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
71 <http://www.fipa.org/specs/fipa00044/>
- 72 [FIPA00045] FIPA Failure Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
73 <http://www.fipa.org/specs/fipa00045/>
- 74 [FIPA00046] FIPA Inform Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
75 <http://www.fipa.org/specs/fipa00046/>
- 76 [FIPA00047] FIPA Inform If Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
77 <http://www.fipa.org/specs/fipa00047/>
- 78 [FIPA00048] FIPA Inform Ref Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
79 <http://www.fipa.org/specs/fipa00048/>
- 80 [FIPA00049] FIPA Not Understood Communicative Act Specification. Foundation for Intelligent Physical Agents,  
81 2000. <http://www.fipa.org/specs/fipa00049/>
- 82 [FIPA00050] FIPA Propagate Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
83 <http://www.fipa.org/specs/fipa00050/>
- 84 [FIPA00051] FIPA Propose Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
85 <http://www.fipa.org/specs/fipa00051/>
- 86 [FIPA00052] FIPA Proxy Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
87 <http://www.fipa.org/specs/fipa00052/>
- 88 [FIPA00053] FIPA Query If Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
89 <http://www.fipa.org/specs/fipa00053/>
- 90 [FIPA00054] FIPA Query Ref Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
91 <http://www.fipa.org/specs/fipa00054/>
- 92 [FIPA00055] FIPA Refuse Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
93 <http://www.fipa.org/specs/fipa00055/>
- 94 [FIPA00056] FIPA Reject Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
95 <http://www.fipa.org/specs/fipa00056/>
- 96 [FIPA00057] FIPA Request Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
97 <http://www.fipa.org/specs/fipa00057/>
- 98 [FIPA00058] FIPA Request When Communicative Act Specification. Foundation for Intelligent Physical Agents,  
99 2000. <http://www.fipa.org/specs/fipa00058/>
- 100 [FIPA00059] FIPA Request Whenever Communicative Act Specification. Foundation for Intelligent Physical Agents,  
101 2000. <http://www.fipa.org/specs/fipa00059/>
- 102 [FIPA00060] FIPA Subscribe Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000.  
103 <http://www.fipa.org/specs/fipa00060/>