

# FOUNDATION FOR INTELLIGENT PHYSICAL AGENTS

## FIPA Communicative Act Repository Specification

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## Foreword

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

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

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

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

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## 1 Scope

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

The communicative acts that are listed in this volatile and informative FIPA document, are compliant to [FIPA00037] requirements. FIPA is responsible for updating the list, but agent developers should be aware of possible changes due to the volatile nature of components in [FIPA00037]. We recommend to all readers to consult the latest version of the [FIPA00037] for the latest specifications.

## 2 FIPA Communicative Act List

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

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

### 3 References

- [FIPA00037] FIPA Communicative Act Library Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00037/>
- [FIPA00038] FIPA Communicative Act Repository Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00038/>
- [FIPA00039] FIPA Accept Proposal Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00039/>
- [FIPA00040] FIPA Agree Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00040/>
- [FIPA00041] FIPA Cancel Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00041/>
- [FIPA00042] FIPA CFP Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00042/>
- [FIPA00043] FIPA Confirm Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00043/>
- [FIPA00044] FIPA Disconfirm Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00044/>
- [FIPA00045] FIPA Failure Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00045/>
- [FIPA00046] FIPA Inform Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00046/>
- [FIPA00047] FIPA Inform If Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00047/>
- [FIPA00048] FIPA Inform Ref Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00048/>
- [FIPA00049] FIPA Not Understood Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00049/>
- [FIPA00050] FIPA Propagate Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00050/>
- [FIPA00051] FIPA Propose Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00051/>
- [FIPA00052] FIPA Proxy Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00052/>
- [FIPA00053] FIPA Query If Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00053/>
- [FIPA00054] FIPA Query Ref Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00054/>
- [FIPA00055] FIPA Refuse Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00055/>
- [FIPA00056] FIPA Reject Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00056/>
- [FIPA00057] FIPA Request Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00057/>
- [FIPA00058] FIPA Request When Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00058/>
- [FIPA00059] FIPA Request Whenever Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00059/>
- [FIPA00060] FIPA Subscribe Communicative Act Specification. Foundation for Intelligent Physical Agents, 2000. <http://www.fipa.org/specs/fipa00060/>