Abstract

This paper presents the architecture of the hospital system with the help of the Jade platform. It gives the idea about different agents used in hospital, communication occur between them and management of different agents. Multi Agent System (MAS) provides an efficient way for communicating agents and it is decentralized. Prototype model is developed for the study purpose, which shows the impact of the agent’s platform and how it is used to solve the
complex problems arise into the hospital domain. The paper discusses the prototype model of Multi Agents in hospital environment and its impact.

**Reference**

- The Application of Agent Technology to Health Care , AgentCities Working Group on Health Care By John L Nealon and Antonio Moreno
- Implementation of Multi Agents System to Control Adaptability in Workflow Environment by Hamdane Mohmaed El-Kamel, Lezzar Fouzi, Boufenar Chaouki, Mili SeifEddine.

**Index Terms**

Computer Science  
Intelligent Systems
Key words

Jade
Multi Agents

Hospital Domain
Health Care Domain