Abstract

Users get muddled while searching for specific documents on web. Retrieving relevant information from reservoir of documents is a cumbersome task. It is like finding a pixel of image from big picture gallery. Web mining is one of technologies that uses concept of data mining to explore useful prefatory patterns and relevant information on a given domain.

The paper describes the use of web based content mining technology that in incorporates role of multi agent systems to perform an intelligent search. In addition to this, an information retrieval (IR) system has been proposed that helps in deducing various inferences by interacting with agents and recording their behavior. This multi agent system (MAS) design can be implemented by using JADE (Java Agent Development Environment)

**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Web mining, Data mining, Multi Agent Systems (MAS), Deductive databases and JADE.