Ontological Description and MAS based Composition Process of SWS’s for Recruitment Domain

Abstract

It seems that information is spread over internet and to retrieve useful information easily by mean of intelligent computing is the growing field of research. This need gives birth to semantic web services and various approaches are given for composition of these services. The key problem is to fulfill user's request. Intelligent Agents are used as a powerful approach for semantic web services selection and composition. Agent can be viewed as a self contained autonomous software component or say codes which is used for fulfillment of users request in any domain. Here in this paper semantic web services and agent capability is used for Man-Power Recruitment System (MPRS). Ontology of domain is used as a complete domain knowledge. Tools like Protégé is used to create agent profile which shows the ontological description of recruitment domain. This paper focuses on how multi-agent system provides a new variety for recruitment system. This paper also spotlights to show an interactive recruiter for Man-Power Recruitment System (MPRS). Here service selection, task decomposition and service composition process of semantic web is exposed on the basis cognitive parameters, predilection and situation for man-power recruitment system.
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Index Terms

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Keywords

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