Abstract

The need of semantic web is growing day by day. Users request fulfillment becomes an important assignment. Agent enables approach becomes key milestone in field of semantic web services selection and composition process. Agent who is a self described and managed software component is used on the basis of its capabilities for users request fulfillment. On the basis of domain ontology agent and SW is used for intelligent access of medical information. This paper focuses on how agent based system opens a new range for health care system that include both patient and provider of health care. This paper also focuses to show an interactive health planner for MEDICAL HEALTH CARE PLANNING SYSTEM (MHPS). Here selection, decomposition and composition process of semantic web services is shown on the basis of various cognitive parameters, preferences and conditions for medical health care planning system.
- Hernam, I., Swick, R. and Brickley, D., Resource Description Framework (RDF), W3C Website, http://www.w3.org/RDF.

**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Health Care System  
Health Planner  
Medical Health care planning (MHP)  
Domain Ontology  
Agent  
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