Integrated Knowledge Base: An Approach to Knowledge Extraction

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Abstract
This paper describes an approach to integrate knowledge base via converting predicates into Semantic networks and in frames. A knowledge base can be represented in a tabular form, a rule form, a tree form or any other form suitable for knowledge representation. Form conversion can be accomplished at all times. Unification of knowledge always overcome individual limitations and has synergetic effects in knowledge extraction. The graphical representation of knowledge base has more understandability than any other representation. Aim of this paper is to develop a system which accepts input from the user in the form of predicates and generates outputs with graphical representation of semantic networks as well as of frames.

References

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Index Terms

Computer Science  
Artificial Intelligence

Keywords

Knowledge Representation  
Predicate Logic  
Semantic Network  
Frames  
Ontology  
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