Abstract

Research work in the field of E-learning is represented by a broad area of applications ranged from web learning to virtual courses. Web-based courses offer obvious advantages for learners by making access to educational resource very fast and relevance, at any time or place. The objective of this paper is to create an ontology based domain specific representation for e-learning domain. This paper analyzes the drawbacks of traditional keyword based search engines and proposes the need for semantic based intelligent information retrieval systems. This paper presents ontology based information retrieval (IR) for e-learning domain which is developed using Protégé tool. This discusses about the E-learning information retrieval model which consists Resource collection module, Semantic procession module, Resource collection module, resource integration system.

References

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Solutions of Web Search Engines, 2011, IEEE.

Index Terms

Computer Science
Information Sciences

Keywords
E-learning IR Ontology OWL Semantic Web Protégé tool