Abstract

The objective of this paper is to develop software framework to improve information creation, maintenance and retrieval by introducing semantic technologies. This paper analyzes the drawbacks of traditional keyword based search engines and proposes the need for semantic based intelligent information retrieval systems. It also analyzes technologies specified by W3C, procedure for the creation of ontology from scratch, the evolution of ontology. This paper presents Ontology Based Information Retrieval (IR) for Sports and Eminent Personalities Domain which is developed using Protégé tool.

References

Ontology based Information Retrieval: A Case Study for Sports and Eminent Personalities Domain

6-10.
- protégé owl tutorial http://owl.cs.manchester.ac.uk/tutorials/

Index Terms

Computer Science Information Retrieval

Keywords

Semantic Web Ontology OWL Protégé tool IR