Abstract

Ontology is created based on information provided by domain experts and forms the basis for creating metadata. XML, RDF and OWL are some of the languages which are used to represent ontology. The need for knowledge preservation and representation, ontology construction methodology are briefly described. Available tools for ontology development are listed. Integrated development environment (IDE) tools like OntoStudio, TopBraid, SWOOP and Protégé are analyzed and their performance is studied.

References

Index Terms

Computer Science  Information Sciences

Keywords

OWL  Semantic Web  RDF  Protégé  SWOOP  TopBraid  OntoStudio