Abstract

It is now commonly accepted that building ontology is a key step in the development of knowledge-based systems. A quite number of methodologies for ontology development have been proposed in the literature. However, this field still lacks mature methodologies which provide a clear vision for how to build ontologies. Most methodologies provide insufficient details about their adopted techniques and activities. This paper gives a preliminary guide which analysis and discusses some selected methodologies for ontology building. The important criteria and guidelines resulting from current literature have been adapted to perform this discussion and analysis. The performed analysis showed as outcomes that the existing methodology needs and additional hard work to be mature.

References


19. Grüninger M. and Fox M. "Methodology for the Design and Evaluation of Ontologies", in
A Study Investigating Knowledge-based Engineering Methodologies Analysis


Index Terms

Computer Science Applied Sciences
Keywords

Ontology; Ontology Engineering; Knowledge based systems; Ontology Building;