Abstract

The ability to search for content on the Internet has proven to be essential for many. However, available search engines supporting Arabic language are typically limited to keyword searches and do not take in consideration the underlying semantics of the content. Semantic search engines provide searching and retrieving resources conceptually related to the user.
informational need. However, the presented technologies support mostly languages using Latin scripts. Arabic is still not well supported. The few works on Arabic Semantic Web applications are derived from the rule governing the traditional Arabic language and not the content available on the Web. In this research, we propose a model for representing Arabic knowledge in the Computer Technology domain using Ontologies. The model starts by elicitation users’ informational needs. Ontologies will play a major role in supporting information search and retrieval processes of Arabic blogs on the Web.

Reference

- Ismail, M., Yaakob, S., Kareem, S. “Semantic Search Engine in Institutional
Developing Ontology for Arabic Blogs Retrieval

ISSN 978-983-43491-0-3.

- “Why would someone want to develop an Ontology?”, All1Source Technologies http://www.all1sourcetech.com/develop-Ontology.

**Index Terms**

Computer Science

Information Retrieval

**Key words**

Ontology

Semantic Search Engine

Knowledge Sharing

Ontology Engineering

Arabic Blog Search Engine