Abstract

World Wide Web is the biggest repository that contains all sorts of information. User can search necessary information from the web. All the information in the WWW are unstructured and human readable. Search engine provides result based on the user query is not satisfactory due to unstructured and semi-structured nature of web document. The advent of semantic web overcomes this difficulty, the information in this web are structured, machine readable and it is
very easy to integrate. Now-a-days, most of the websites are developed based on the semantics, but there is no technology to convert existing web information into RDF. The proposed approach converts existing web information related to tourism domain into semantic web using Resource Description Framework. To obtain more relevant results, the converted RDF web source are categorized and stored in the repository based on different algorithms.

Reference


Index Terms

Computer Science Wireless Networks
Key words

Metadata

Semantic web

Ontology

OWL

RDF

Tourism Information System

Information Retrieval

Search Engine

Web Categorization

Pattern Analysis.