A Survey of Domain Specific Web Search Techniques

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Abstract

In the world of internet where every day information is increasing exponentially, retrieving correct information from the World Wide Web has always remained a challenge. The growth in volume of data has made it more difficult to find relevant and useful information on the internet. It is always a challenge to get relevant information if it is searched over the vast internet. There are techniques to crawl the domain specific data so as to keep the throw away data as to minimum. Taking the advantage of knowing domain, priorities could be assigned to the indexes for faster search. Assistance could be given to the user to form the most effective query in the given domain. Some search techniques make use of URL structure, some look for specific words in the web pages. Number of attempts have been made to implement domain specific search namely by combining semantic web technologies with information retrieval. Making use of weighted ontology for crawling, indexing and searching has been taken into consideration by some of researchers separately. In the need to improve user experience in domain specific information retrieval, this is an attempt to review the techniques available for domain specific web crawling, indexing and searching. The aim is to focus on the areas which can be improved
to give enriching search experience to the users of domain specific search.

References


Index Terms

Computer Science Information Sciences

Keywords

Domain Specific web search, Search engine, Ontology, indexing, web crawler.