Abstract

Search Engines are the software systems to search for the required information on the World Wide Web. Though Search Engine Optimization deals with increasing the visibility of Web pages on search results, this research work focuses on the search algorithm, which is expected to bring the most appropriate, relevant and required documents for the given search query. The demand of the new such algorithm has been presented by a comparative study of intersection algorithm and its variants. CRANTOP database is a standard database available on WWW, which not only provides the database of documents and queries but also provide the actual relevance of documents for the corresponding queries. Study has been done on a sample part of that database, which is available in appendix and analysis has been done on the basis of Precision, Recall and F-Measure values.
Comparative Analysis of Intersection Algorithms on Queries using Precision, Recall and F-Score

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Index Terms

Computer Science

Software Engineering

Keywords

Precision, Recall, F-measure, Algorithms, Database et al.