Abstract

Information retrieval (IR) is the area of study concerned with searching documents or information within documents. The user describes information needs with a query which consists of a number of words. Finding weight of a query term is useful to determine the importance of a query. Calculating term importance is fundamental aspect of most information retrieval approaches and it is traditionally determined through Term Frequency -Inverse Document Frequency (IDF). This paper proposes a new term weighting technique called concept-based term weighting (CBW) to give a weight for each query term to determine its significance by using WordNet Ontology.
- Important problems in information retrieval. Dagobert Soergel, College of Library and Information Services, University of Maryland, College Park, MD 20742, August 1989.

**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Information Retrieval (IR)  
Part of Speech (POS)  
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Concept-based Term Weighting (CBW)