Merging of Results in Distributed Information Retrieval Systems

Authors : Larbi Guezouli, Imane Azzouz

Abstract : This work is located in the domain of distributed information retrieval 'DIR'. A simplified view of the DIR requires a multi-search in a set of collections, which forces the system to analyze results found in these collections, and merge results back before sending them to the user in a single list. Our work is to find a fusion method based on the relevance score of each result received from collections and the relevance of the local search engine of each collection.