Abstract

In present days world wide web provides a platform for users to satisfy their information needs, for this purpose search engine tools are commonly used. Available search engine give result for a particular query in the form of flat rank list, which works well for non-ambiguous query. But,in case of ambiguous query which having multiple aspects the flat rank list not works well. So in such cases reorganization of search result is necessary. In this paper, proposed a method which reorganizes search result by analyzing user's implicit feedback. Based upon this feedback doing text processing, enriching each url by combination of title and snippet, and mapping these data to Pseudo-document. Pseudo-document contain set of keywords which are different aspects of query. And then performing clustering on these pseudo-document using fuzzy k-mean clustering. And these clusters contain links which are most relevant to each other. Also rearranging results based upon most visited links such that it should occur at topmost. And this reorganization will increase the performance and evaluation of search engine. And the cluster labels.

References
A novel method to Automatically Categorizing Search Results using Web Search Goals


- O. Zamir and O. Etzioni, "Grouper: A dynamic clustering interface to web search..."
A novel method to Automatically Categorizing Search Results using Web Search Goals

- Xinye Li &quot;An improved method in clustering Web retrieval result based on relevance feedback&quot;, Computer Science and Service System (CSSS), IEEE International Conference, pp. 3000 - 3003, 2011.

Index Terms

Computer Science  Information Sciences

Keywords

Fuzzy k-means clustering  Implicit feedback  Pseudo-documents  User search goals.