Abstract

Personalized Information Retrieval systems (PIR) are of great need now a day. With growing size of database & requirement of precise data, PIR are of great importance. But this area is still being under research for the best methodology of searching. The PIR system instead of providing irrelevant data along with relevant one, provide us with just the possible relevant data matching our need & requirement. In this paper a survey is done on different algorithms that are being worked on so far on PIR systems. Their drawbacks & new changes that can be inculcated. Different algorithms are being used to retrieve data in the PIR systems. Each algorithm was applied to the database & their results were noted. Then their drawbacks were noticed & some changes were made to overcome those.

References

- Djoerd Hiemstra, University of Twente "Information Retrieval Models; Ranking Algorithm; http://orion.lcg.ufrj.br/Dr. Dobbs/books/book5/chap14.htm
- Chapter 14: Ranking Algorithm, Donna Harman, National Institute of Standards and Technology
- Ed Greengrass "Information retrieval: A Survey;"
- Djoerd Hiemstra and Arjen P. de Vries "Relating the new language models of information retrieval to the traditional retrieval models; University of Twente.
- Optimizing Information Retrieval Using Evolutionary Algorithms and Fuzzy Inference System V. a_eclav S_n_a_s_e1, Ajith Abraham2, Suhail Owais3, Jan Plato_s1, and Pavel Kromer1 Department of Computer Science, Faculty of Electrical Engineering and computer Science, V. SB - Technical University of Ostrava, 17. listopadu 15, 708

Index Terms

Computer Science

Algorithms
Keywords
Personalized information retrieval (PIR)  Information retrieval (IR)  Page Ranks
Precision and Recall