Abstract

One of the most common problems that encounter retrieval systems is the query environment which is utilized to evaluate the performance or throughput of them. Usually data sets of queries for a specific corpus are generated using the human experiences. Manual queries are more accurate than automatic one’s, but they require a huge effort in the huge corpus. This paper proposes an automatic query generation (AQG) system for Arabic language. The system generates a set of queries of different length that were applied on a query expansion system. The results show the feasibility of these queries compared with manual one in term of average recall and average precision.

References

An Automatic Query Generation Approach for Arabic Corpus


Index Terms

Computer Science Information Sciences

Keywords

AQG Entropy Method Query generation