A Ranking Algorithm for News Data Streams

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Abstract

With the advent of internet, print media such as newspapers and magazines have been moving themselves to websites providing news on the go. Also some people prefer news on the net more as pictures along with video is available in it, also we can search a particular topic. In this paper we suggest a ranking algorithm that exploits the dependency between the rank of news article, topic and source by the help of a virtual graph model. We also add the imitating or copying of new articles to revise the ranking of a source or article. Our complexity is linear and for starters we have just added the national news channels in our algorithm. To validate our algorithm we use huge manual data collecting news from national news websites.

References

A Ranking Algorithm for News Data Streams (IW3C2) 2005.
- Ling Wan, Si-Xue Bai, “An Improvement Of Pagerank Algorithm Based On The Time-Activity-Curve.”

Index Terms

Computer Science
Algorithms
Keywords

News Ranking  articles  source  topic  Time aware algorithm