Manuscript ID : 00000-42815

Source ID : 00000016

International Journal of Information Technology and Management Information Systems

Volume 5, Issue 1, January - April 2014, Pages 53-59, Page Count - 7

IMPROVEMENT IN THE EFFICIENCY OF WEB BASED SEARCH ENGINES BY INCREASING PAGE RANK BASED ON REFERRING FACTORS

Suryakant B Patil [(1)] Ashlesha Sawant [(2)] Preeti Patil [(3)]

[(1)] Professor, Jayawant Shikshan Prasarak Mandal Imperial College of Engineering and Research, Pune, India.

[(2)] Research Scholar, Jayawant Shikshan Prasarak Mandal Imperial College of Engineering and Research, Pune, India.

[(3)] Dean (SA), Head Of Department And Professor, Kolhapur Institute of Technology`s College of Engineering, Kolhapur, India.

Abstract

There are millions of pages are there on web. Therefore need to find the popular pages.Page rank is a logarithmic calculation to determine page popularity; page rank is one of the factors. Page rank the number counting and links quality to a page to determine a rough estimate of finding important of the website is. The no. of backlink it gives the popularity or importance of website or page. In this paper we have analysed several educational institutions and university to study the page rank and other important interfaces like external back links, referring domains, referring IPs, referring subnet. The proposed web based experimentation to identify these details and further classification and analysis of the web traffic. These external links and interfaces play the major role in the Page rank of any domain. From new organization to the old organization and from group of institutions like JSPM to university like Pune, various web traffics observed through these interfaces which are major contributors in the increasing the page rank.

Author Keywords

Page Rank, External Back Link, Search Engine, Searching, Referring, Domains, Subnet

ISSN Print: 0976-6405
ISSN Online: 0976-6413
Source Type: Journals
Document Type: Journal Article
Publication Language: English
DOI:
Abbreviated Journal Title: IJITMIS
Access Type: Open Access
Publisher Name: IAEME Publication
Resource Licence: CC BY-NC
Major Subject: Physical Sciences
Subject Area classification: Computer Science
Subject area: Information Systems
Source: SCOPEDATABASE

References (15)

1. Jain, A. ; Sharma, R. ; Dixit, G. ; Tomar, V
Page Ranking Algorithms in Web Mining, Limitations of Existing Methods and a New Method for Indexing Web Pages

(2013) Communication Systems and Network Technologies, Page No 640-645,

2. Harb, H.M. ; Syst. &Comput. Dept., Al Azhar Univ., Cairo, Egypt ; Khalifa, A.R. ; Ishkewy, H.M
Personal search engine based on user interests and modified page rank

(2009) Computer Engineering and Systems, Page No 411-417,

3. Preethi, N.; Devi, T
New Integrated Case and Relation Based (CARE) Page Rank Algorithm

(2013) Computer Communication and Informatics, Page No 1-8,
DOI: http://dx.doi.org/10.1109/ICCCI.2013.6466260

4. Sharma, Robin ; Kandpal, Ankita ; Bhakuni, Priyanka ; Chauhan, Rashmi ; Goudar, R.H. ; Tyagi
Web page indexing through page ranking for effective semantic search

(2013) 2013 7th International Conference on Intelligent Systems and Control,
DOI: https://doi.org/10.1109/ISCO.2013.6481186

5. Duhan, N. ; Sharma, A.K. ; Bhatia, K.K
Page ranking algorithm: A Survey

(2009) 2009 IEEE International Advance Computing Conference, Page No 1530- 1535,
DOI: https://doi.org/10.1109/IADCC.2009.4809246

6. ShaojieQiao ; Sch. of Inf. Sci. & Technol., Southwest Jiaotong Univ., Chengdu, China ; Tianrui Li ; Hong Li ; Yan Zhu.SimRank
SimRank: A Page Rank approach based on similarity measure

(2010) IEEE International Conference on Intelligent Systems and Knowledge Engineering, Page No 390-395,
DOI: https://doi.org/10.1109/ISKE.2010.5680842

7. Yong Zhang ; Long-bin Xiao
The Research about Web Page Ranking Based on the A-PageRank and the Extended VSM

(2008) Bin Fan Fuzzy Systems and Knowledge Discovery, Page No 223-227,

8. S B Patil, SachinChavan, PreetiPatil
High Quality Design and Methodology Aspects To Enhance Large Scale Web Services

(2012) International Journal of Advances in Engineering & Technology, Volume 3, Issue 1, Page No 175-185,

9. Srikantha Rao, PreetiPatil, S B Patil
Enhanced Software Development Strategy implying High Quality Design for Large Scale Database Projects

(2012) International Conference and Workshop on Emerging Trends in Technology, Page No 508-513,

10. Srikantha Rao, PreetiPatil, S B Patil;
Object-Oriented Software Engineering Paradigm: A Seamless Interface in Software Development Life Cycle

(2008) ACM Asia Pacific International Conference on Advances in Computing,

11. Prof. S B Patil, Sachin Chavan, Dr. Preeti Patil and Prof. Sunita R Patil
High Quality Design to Enhance and Improve Performance of Large Scale Web Applications

(2012) International Journal of Computer Engineering and Technology, Volume 3, Issue 1, Page No 198 - 205,

12. S B Patil, D. B. Kulkarni
Improving web performance through Hierarchical caching & content aliasing

(2005) The 7th International Conference on Information Integration and Web-based Applications & Services,

13. Srikantha Rao, PreetiPatil, S B Patil, SunitaPatil
Customized Approach for Efficient Data Storing and Retrieving from University Database Using Repetitive Frequency Indexing

(2012) 2012 1st International Conference on Recent Advances in Information Technology, Page No 511 – 514,

DOI: https://doi.org/10.1109/RAIT.2012.6194612

14. Tanmaya Kumar Das, Dillip Kumar Mahapatra and Gopakrishna Pradhan
An Integrated Framework for Interoperable and Service Oriented Management of Large Scale Software

(2012) International Journal of Computer Engineering and Technology, Volume 3, Issue 3, Page No 459 - 483,

15. Alamelu Mangai J, Santhosh Kumar V and Sugumaran V
Recent Research in Web Page Classification - A Review

(2010) International Journal of Computer Engineering and Technology, Volume 1, Issue 1, Page No 112 - 122,