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论文

基于网络隐社区反链接挖掘的企业战略情报分析

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摘要:

网络中的网址相互链接和反链接形成了“网络社区”,对其结构的挖掘和分析能观察到社区成员间的关系和意图。选择空软作为反链接的查询工具,通过对某知名软件公司的反链接主题分析划分出该公司的“隐社区”,然后根据隐社区的相关度和反链接的贡献值计算出战略代表值,再通过对该值最高的网址进行竞争情报挖掘,分析出其战略意图,最后提出相关战略决策建议。

关键词: 隐社区 反链接分析 战略代表值 战略情报分析

Corporate Strategic Intelligence Based on Anti-link Mining in Hidden Web Community

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Abstract:

The inter-links and anti-links of URLs form "online community", and the relationships and intentions of community members can be revealed through excavation and analysis of its structure. In this paper, the KongRuan(KR) anti-link software is selected as an anti-link query tool to investigate the hidden communities of one famous IT company. Through digging and analyzing the company's website anti-link collections, the "hidden community" of the company is detected, and the strategic values is calculated according to the correlation contribution values and the anti-links of different linking objects. Then the top strategic values of URLs are used to analyze the company's potential competitive strategy, and the result is used to propose strategic suggestions from the aspects of both the company and its competitors.

Keywords: hidden community anti-link analysis strategic value strategic intelligence analysis

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参考文献:

- [1] Bjelland J,Canright G. Computational complexity[M]. New York: Springer New York,2012: 1746-1766.
- [2] Ortega J L,Aguillo I F. Visualization of the Nordic academic Web: Link analysis using social network tools[J]. Information Processing and Management,2008,44(4):1624-1633.
- [3] Zhao Zhongying,Feng Shengzhong. Topic oriented community detection through social objects and link analysis in social networks[J]. Knowledge-Based Systems,2012,26:164-173.
- [4] Meghabghab G,Kandel A. Search engines link analysis and user's Web behavior[M]. Berlin: Springer Berlin,2008: 47-68.
- [5] Reid E O F. Information and communications technology for competitive intelligence[M]. Singapore: Idea Group Publishing,2003: 57-84.
- [6] Ito T,Shimbo M. Knowledge discovery in databases: PKDD[M]. Berlin: Springer Berlin,2006: 235-246.
- [7] 魏瑞斌.国内链接分析研究的计量分析[J].图书情报工作,2012,56(1):40-45.
- [8] 岳建军.基于Topic的Blog隐含社区发现.太原:太原理工大学计算机与软件学院,2007.
- [9] 高琰,谷士.基于链接分析的Web社区发现技术的研究[J].计算机应用研究,2006(7):183-185.
- [10] 吴文涛,肖仰华,何震瀛,等.基于权重信息挖掘社会网络中的隐含社团[J].计算机研究与发展,2009,46(增刊):540-546.
- [11] Lelut A,Cadot M. Statistically valid links and anti-links between words and between documents: Applying TourneBool randomization test to a reuters collection//Guillet F,Ritschard G,Zighed D A,et al. Advances in Knowledge Discovery and Management. Berlin: Springer Berlin,2010: 307-324.
- [12] 杨宇航,赵铁军,郑德权,等.基于链接分析的重要Blog信息源发现[J].中文信息学报,2007(5):68-72.
- [13] Lempel R,Moran S. Rank-stability and rank-similarity of link-based Web ranking algorithms in authority-connected graphs[J]. Information Retrieval,2005,8(2): 245-264.
- [14] 杨木容.搜索引擎在网络链接分析中的应用研究[J].图书情报工作,2006,50(11): 91-94.
- [15] 李志义.Web信息检索系统的设计及应用[M].北京:清华大学出版社,2011: 223-265.
- [16] 王砚青.搜索引擎对反向链接认识分析..http://www.ebrun.com/online_marketing/13435.html.
- [17] Bowersox D,Closs D. Supply chain logistics management[M].Boston: McGraw Hill Higher Education,1999: 264-440.

- [18] Hanneman R A,Riddle M. UCINET教程..<http://www.docin.com/p-316102746.html>.
- [19] 陈胜可.SPSS统计分析从入门到精通[M].北京:清华大学出版社,2010:166-173.
- [20] 邱均平.信息计量学[M].武汉: 武汉大学出版社,2007: 157-225.
- [21] 杨光.链接分析在企业竞争情报活动中的应用[J].图书情报工作,2005,49 (1): 19-21,68.

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