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Study on a Method of Supporting Awareness

from Browsing Web Pages

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This paper describes the study on a method of supporting awareness from browsing Web pages. We propose the analysis method in this research for the accumulation of the Web pages with concern. Web pages are automatically collected in this analysis method by using the logs of a proxy server. Important keywords are extracted from the Web pages based on the frequencies of the words that appear in collected Web pages. The important keywords promote users to find the keywords which are common to the browsed Web pages and are unexpected ones, when they are presented to the users. Then it is supported to promote the discovery of the new viewpoint noticed by extracting an important sentence based on important keywords. We implemented our method as a Web application. Then 12 students in our school who lived in Ishikawa Prefecture used the Internet to retrieve a place that where they want to take their acquaintance. Next, they evaluated our system using their browsed Web pages. In addition their browsed Web pages were shared with the examinee in the group of 12 students in our school used our system and evaluated. The effectiveness of our method was shown by some experiments.