

Development of a Web Exploration Support System Focusing on Accumulation of Search Contexts

Authors : T. Yamazaki, R. Onuma, H. Kaminaga, Y. Miyadera, S. Nakamura

Abstract : Web exploration has increasingly diversified in accordance with the development of browsing environments on the Internet. Moreover, advanced exploration often conducted in intellectual activities such as surveys in research activities. This kind of exploration is conducted for a long period with trials and errors. In such a case, it is extremely important for a user to accumulate the search contexts and understand them. However, existing support systems were not effective enough since most systems could not handle the various factors involved in the exploration. This research aims to develop a novel system to support web exploration focusing on the accumulation of the search contexts. This paper mainly describes the outline of the system. An experiment using the system is also described. Finally, features of the system are discussed based on the results.

Keywords : web exploration context, refinement of search intention, accumulation of context, exploration support, information visualization

Conference Title : ICWISE 2014 : International Conference on Web Information Systems Engineering

Conference Location : Istanbul, Türkiye

Conference Dates : January 27-28, 2014