A study on building a RSS search management interface applying agent and semantic technologies with the concept of Web2.

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ABSTRACT

In the recent year, Web2.0 becomes a popular concept. The RSS is the key tech-nology in Web2.0, it ’ s also a path to obtain information. With the feed that user sub-scribes more, it could be a pressure. In this study, we use Ontology and the feature of Semantic Web to search the news that had been published, to remark and build news knowledge through users to encourage discussion and knowledge productivity. Information searching is only searching for the news by keyword and it could cause the incurrent search results are much more then users need, but the Semantic Web could improve this problem. In this study, we focus on this above issue and apply it on RSS searching. We use the TOVE methodology to build Ontology. Users can search the synonyms and the words relative to the key word in this Ontology, then search for the news and output results on the user interface. We build a Web interface to read and search RSS of news. The user on the Inter-net could share their own knowledge through this interface and could build the news knowledge after reading the news. Later, users could search news information base on these news knowledge more effective.

Keywords : Web2.0 ; TOVE ; Ontology ; RSS

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