Title	
Author(s)	,
Citation	
Issue Date	2002-03
Type	Thesis or Dissertation
Text version	author
URL	http://hdl.handle.net/10119/344
Rights	
Description	Supervisor: , ,

Building of a creativity support tool that can use effectively the data recorded on the Umesao's card system

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March 2002

Keywords: Umesao's card system, creativity support tool, vector space model, XML

In the thesis, we describe our research about creativity support tool.

In the usual KJ method work, the data collected by fieldwork is arranged on the Umesao's card system. We makes one-line title and do brainstorming. The result of brainstorming is summarized on labels. A type illustration made by labels. After that B' type oral announcement or B type text make from A type illustration. A card is created for memory of the data. The person who got by fieldwork on that occasion to reliance. Therefore, all the experienced facts cannot be reflected.

In our research, we build the creativity support tool based on the Umesao's card system. The system can stock not only character data but also image data. Directions register the data first collected by fieldwork into an Umesao's card system. The Umesao's card system is designed by XML. Index attachment is carried out as the text of an XML file. And the keyword vector build from the text. The degree of similarity the keyword vectors of a document between inquiry keyword and the Umesao's card system.

Comparison of this system and search engine Google was performed as evaluation. As a result of comparison, although it is to use this system, the tendency for the number of labels to increase was shown.

As a future subject, improvement in the further inquiry speed and of an interface, and the data management by the database are mentioned.