

Knowledge Organization

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Devoted to Concept Theory, Classification, Indexing, and Knowledge Representation

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Contents page

Abbas, June. **In the Margins: Reflections on Scribbles, Knowledge Organization, and Access.** *Knowledge Organization*, 34(2), 72-77. 46 references.

ABSTRACT: Marginalia or ‘scribbling in the margins’ is a means for readers to add a more in-depth level of granularity and subject representation to digital documents such as those present in social sharing environments like *Flickr* and *del.icio.us*. Social classification and social sharing sites development of user-defined descriptors or tags is discussed in the context of knowledge organization. With this position paper I present a rationale for the use of the resulting folksonomies and tag clouds being developed in these social sharing communities as a rich source of information about our users and their natural organization processes. The knowledge organization community needs to critically examine our understandings of these emerging classificatory schema and determine how best to adapt, augment, revitalize existing knowledge organization structures.

La Barre, Kathryn. **Faceted Navigation and Browsing Features in New OPACs: A More Robust Solution to Problems of Information Seekers?** *Knowledge Organization*, 34(2), 78-90. 65 references.

ABSTRACT: At the end of 2005, impending digitization efforts and several developments related to the creation of access and discovery tools for informational and cultural objects resulted in a series of responses that continue to ripple throughout the library, museum and archive communities. These developments have broad implications for all three communities because of the goals shared by each in the creation of description, control and enhanced access to informational and cultural objects. This position paper will consider new implementations of faceted navigation and browsing features in online catalogs. It is also a response to challenges to develop interwoven approaches to the study of information seeking and the design and implementation of search and discovery systems. Urgently needed during this time of experimentation, development and implementation is a framework for system evaluation and critical analysis of needed and missing features that is grounded in traditional principles, borne out by practice. Such a framework could extend feature analysis protocols established during the early years of online catalog development.

Menard, Elaine. **Study on the Influence of Vocabularies used for Image Indexing in a Multilingual Retrieval Environment.** *Knowledge Organization*, 34(2), 91-100. 23 references.

ABSTRACT: For many years, the Web became an important media for the diffusion of multilingual resources. Linguistic differences still form a major obstacle to scientific, cultural, and educational exchange. Besides this linguistic diversity, a multitude of databases and collections now contain documents in various formats, which may also adversely affect the retrieval process. This paper describes a research project aiming to verify the existing relations between two indexing approaches: traditional image indexing recommending the use of controlled vocabularies or free image indexing using uncontrolled vocabulary, and their respective performance for image retrieval, in a multilingual context. This research also compares image retrieval within two contexts: a monolingual context where the language of the query is the same as the indexing language; and a multilingual context where the language of the query is different from the indexing language. This research will indicate whether one of these indexing approaches surpasses the other, in terms of effectiveness, efficiency, and satisfaction of the image searchers. This paper presents the context and the problem statement of the research project. The experiment carried out is also described, as well as the data collection methods

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Schallier, Wouter. 2004. On the razor's edge: between local and overall needs in knowledge organization. In McIlwaine, Ia C. ed., *Knowledge organization and the global information society: Proceedings of the Eighth International ISKO Conference 13-16 July 2004 London, UK*. Advances in knowledge organization 9. Würzburg: Ergon Verlag, pp. 269-74.

Smiraglia, Richard P. 2001. *The nature of 'a work': implications for the organization of knowledge*. Lanham, Md.: Scarecrow.

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Scope

The more scientific data is generated in the impetuous present times, the more ordering energy needs to be expended to control these data in a retrievable fashion. With the abundance of knowledge now available the questions of new solutions to the ordering problem and thus of improved classification systems, methods and procedures have acquired unforeseen significance. For many years now they have been the focus of interest of information scientists the world over.

Until recently, the special literature relevant to classification was published in piecemeal fashion, scattered over the numerous technical journals serving the experts of the various fields such as:

philosophy and science of science
science policy and science organization
mathematics, statistics and computer science
library and information science
archivistics and museology
journalism and communication science
industrial products and commodity science
terminology, lexicography and linguistics

Beginning in 1974, KNOWLEDGE ORGANIZATION (formerly INTERNATIONAL CLASSIFICATION) has been serving as a common platform for the discussion of both theoretical background questions and practical application problems in many areas of concern. In each issue experts from many countries comment on questions of an adequate structuring and construction of ordering systems and on the problems of their use in opening the information contents of new literature, of data collections and survey, of tabular works and of other objects of scientific interest. Their contributions have been concerned with

- (1) clarifying the theoretical foundations (general ordering theory/science, theoretical bases of classification, data analysis and reduction)
- (2) describing practical operations connected with indexing/classification, as well as applications of classification systems and thesauri, manual and machine indexing
- (3) tracing the history of classification knowledge and methodology
- (4) discussing questions of education and training in classification
- (5) concerning themselves with the problems of terminology in general and with respect to special fields.

Aims

Thus, KNOWLEDGE ORGANIZATION is a forum for all those interested in the organization of knowledge on a universal or a domain-specific scale, using concept-analytical or concept-synthetical approaches, as well as quantitative and qualitative methodologies. KNOWLEDGE ORGANIZATION also addresses the intellectual and automatic compilation and use of classification systems and thesauri in all fields of knowledge, with special attention being given to the problems of terminology.

KNOWLEDGE ORGANIZATION publishes original articles, reports on conferences and similar communications, as well as book reviews, letters to the editor, and an extensive annotated bibliography of recent classification and indexing literature.

KNOWLEDGE ORGANIZATION should therefore be available at every university and research library of every country, at every information center, at colleges and schools of library and information science, in the hands of everybody interested in the fields mentioned above and thus also at every office for updating information on any topic related to the problems of order in our information-flooded times.

KNOWLEDGE ORGANIZATION was founded in 1973 by an international group of scholars with a consulting board of editors representing the world's regions, the special classification fields, and the subject areas involved. From 1974-1980 it was published by K.G. Saur Verlag, München. Back issues of 1978-1992 are available from ERGON-Verlag, too.

As of 1989, KNOWLEDGE ORGANIZATION has become the official organ of the INTERNATIONAL SOCIETY FOR KNOWLEDGE ORGANIZATION (ISKO) and is included for every ISKO-member, personal or institutional in the membership fee (US \$ 55/US \$ 110).

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