

Knowledge organization beyond books

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Knowledge organization

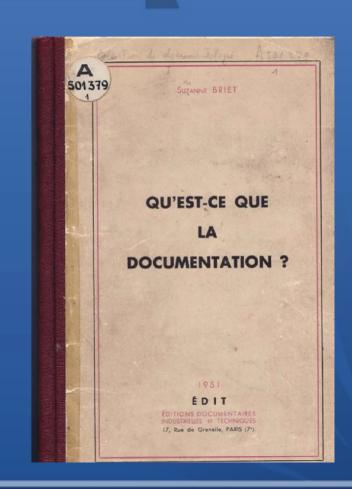
- Subject indexing (library and information science)
- Taxonomy (special sciences)
- Classification of the sciences (philosophy)
- Ontology (philosophy)
- Ontologies (computer science)
- Terminology (linguistics)
- Lexical semantics (linguistics)



Documents

- Books
- Audio video
- Online resources
- Archive items
- Museum specimens
- Garden & zoo specimens
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[Briet - Pagès; Buckland]



Borderline cases

• Wood Museum (Aveto Nature Park, GE): are the living trees documents?...



Prototypes

Documents are books and similar stuff...

[E. Rosch]



Non-prototypical documents

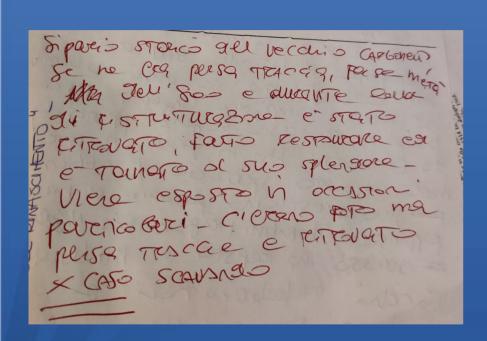
A research on traditional instruments in Northern Italy.

Among sources:

- Police archives
- Frescoes
- Puppets
- Curtain...

[Gnoli 2010, KO 37 n. 3]







Broni is not far from the Quattro Province valleys where traditional oboes and bagpipes are made and played...

L SIPARIO STORICO Dott. Paola Strada, Soprintendenza Beni Storici, Artistici ed Etnoantropologici, Milano. Si deve al pittore pavese Achille Savoia il sipario del teatro Carbonetti di Broni: nel 1884-85 egli dipinse a tempera sulla grande tela la scena di una festa all'aperto, illustrando in uno spazio definito da riuscite quinte architettoniche e arborbe il soggetto popolare del pranzo e del ballo, allietati dall'orchestrina. L'episodio è reso secondo il custo neo-rococò in voga all'epoca e di cui l'artista era maestro. Grazie al restauro esecuto dallo studio Eandi di Torino tra l'autunno del 2011 e la primavera del 2012, il sipario è tornato ad essere in buone condizioni conservative e, pur avendo irrimediabilmente perso diverse porzioni della raffigurazione, ora la scena ha riacquistato una buona leggibiltà. Ridotto leggermente di dimensioni, il sipario ora funge da fondale del nuovo teatro.



Indexing curtains?

 Contents of the curtain are relevant for research on traditional music

 They could be related to information in other media (books, archives, museums...)

...But where are they indexed?!

Q oboes







Different knowledge bases

K

OPACs, museum / cultural heritage catalogues...

 Classifications are designed for specific collection kinds, e.g. LCC, DDC unsuitable for movies [Higgins 2022]

and fiction [Almeida & Gnoli 2021]



Knowl. Org. 49(2022)No.2 C. Higgins. 'I Coulda Had Class'

> 'I Coulda Had Class' – The Difficulties of Classifying Film in Library of Congress Classification and Dewey Decimal Classification

> > Colin Higgins

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Colin Higgins has been Librarian of St Catharine's College Cambridge since 2010. He holds a BA in Philosophy from Trinity College Dublin, an MSc in Librarianship from the University of Wales, and an MPhil and PhD in Ancient Philosophy from King's College London. His doctoral thesis examined the ways Plato's representation of the trial and execution of Socrates suggested that the philosopher's death was self-inflicted, and the implications this reading might have on the Platonic corpus. Colin's main research interests are now in the history of bibliographic description, and the socio-cultural assumptions embedded in cataloguing standards and classification schemes. His book, Cataloging and Managing Film and Video Collections, was published by the American Library Association in 2015.



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Dimensions of KO

- β Phenomena
- y Perspectives
- δ Documents
- ε Collections

- e.g. musical instruments
- e.g. history of music
- e.g. frescos, curtains...
- e.g. library, museum...

The only common reference across resources are the studied phenomena!



Phenomenon-based KO

- Integrative Levels Classification (ILC)
 - General
 - Freely faceted
 - Can be used to index any knowledge collection
 - Demos:

Traditional Europe

Results

Out of 17 audiovisual documents in the directory, the following 4 (sorted by classmark) include the chosen combination.



wnc92ffb5b5f Carnival, of, ,

wnc92ffc5b50osst50xn50xm(3kls) Carnival, of, , through tricks, through dances

Conclusions

- Knowledge organization transcends book indexing
- There are unexpected types of documents, such as curtains
- They also need to be indexed and organized
- Cross-media indexes should be based on phenomena

Grazie

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