University of Basel

Dewey in the Basel Register of Thesauri, Ontologies & Classifications

Andreas Ledl, EDUG Göttingen, 25.04.16

Agenda.

1	What is BARTOC?
2	Why is BARTOC useful/necessary?
3	Description of Knowledge Organization Systems (e.g. DDC)
4	Future perspectives

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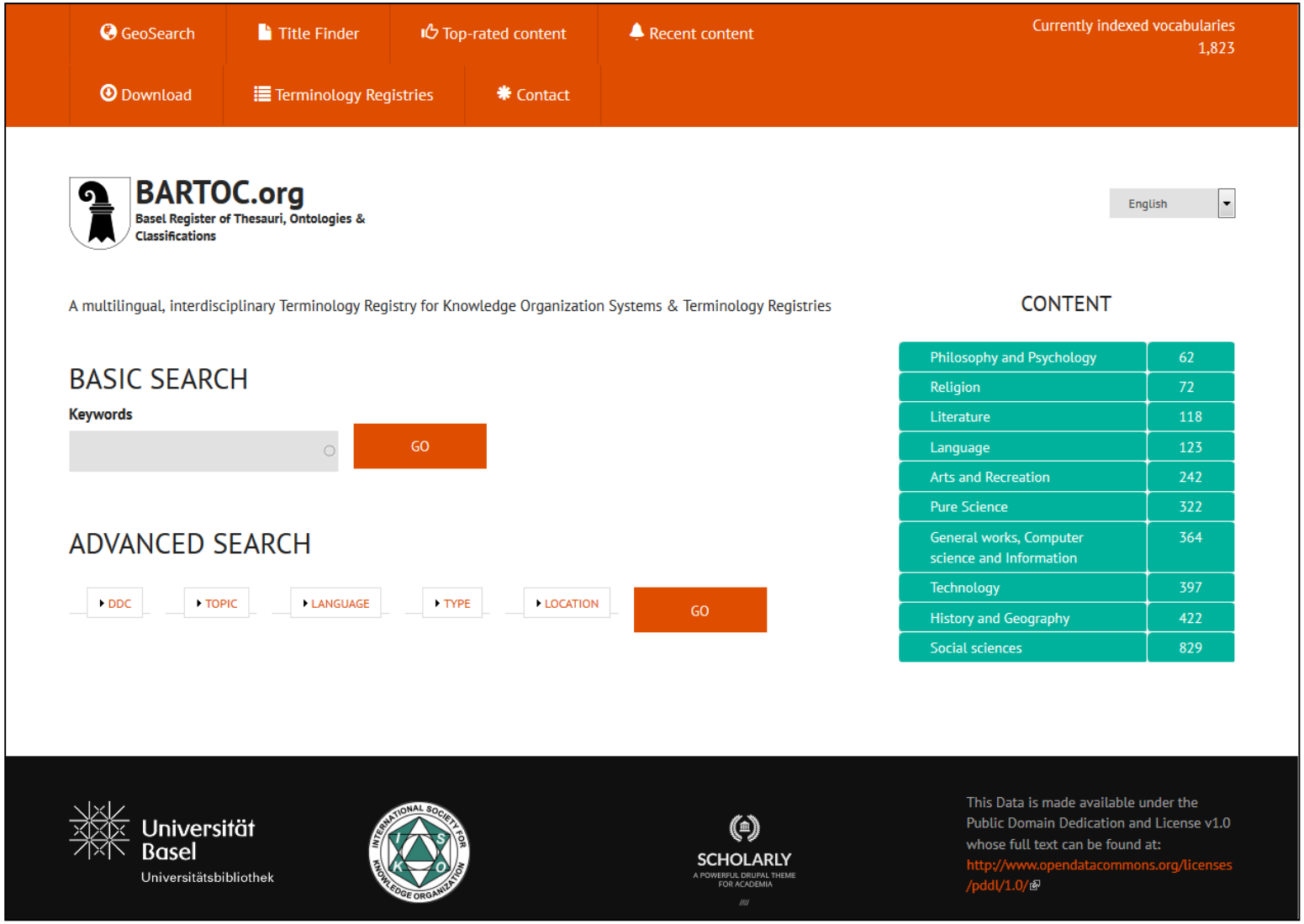
bartoc.org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Basel Register of Thesauri, Ontologies & Classifications
English
A multilingual, interdisciplinary Terminology Registry for Knowledge Organization Systems & Terminology Registries
CONTENT
BASIC SEARCH
Keywords
GO
ADVANCED SEARCH
DDC
TOPIC
LANGUAGE
TYPE
LOCATION
GO
Philosophy and Psychology 62
Religion 72
Literature 118
Language 123
Arts and Recreation 242
Pure Science 322
General works, Computer science and Information 364
Technology 397
History and Geography 422
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Editorial Offices.

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Terminology Registries.

Founding Reasons.

- Make traditional resources more visible.
- Provide key characteristics of resources.
- Encourage human assessment of these resources by applicability to semantic projects.
- Promote information exchange and knowledge sharing.

Hlava 2011, DOI: 10.1002/bult.2011.1720370406

- Any kind of KOS
- Any subject area
- Any language
- Any publication format
- Any form of accessibility

Unique Selling Points.

- Wide approach
- Maintenance by community
- Approved by

- “(...); it is the system’s advantage that it specializes in supplementing Dewey’s decimal classification terms (up to the third hierarchic level), which is frequently used in German-speaking countries, as well as providing the multilingual EUROVOC thesaurus descriptors.”
  (Bratková et al. 2014, http://full.nkp.cz/nkkr/knihovna142_suppl/1402sup01.htm)

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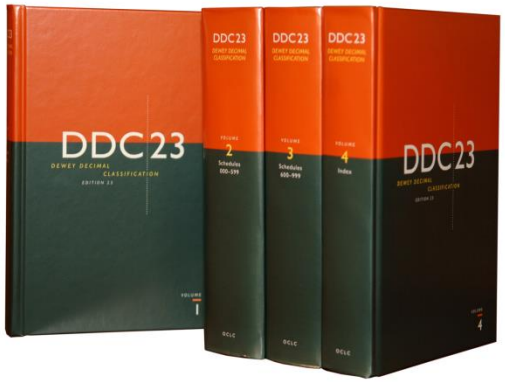
Controlled Vocabularies.



MIND THE LEXICAL GAP

EuroVoc Building block of the semantic web

NKOS Networked Knowledge Organization Systems

NKOS AP.

Properties: nkos:alignedWith, nkos:basedOn, nkos:serviceOffered, nkos:sizeNote, nkos:updateFrequency, nkos:usedBy, dct:audience, dcat:contactPoint, dct:created, dct:creator, wdrs:describedBy, dct:description, dct:format, dct:identifier, frbrer:isEmbodimentOf, dct:isPartOf, frbrer:isRealizationOf, dct:issued, dct:language, dct:modified, dct:publisher, dct:relation, dct:rights, adms:sample, dct:subject, dct: title, dct:type, prov:wasDerivedFrom

(http://nkos.slis.kent.edu/nkos-ap.html)

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Future Perspectives.

- Alignment with NKOS AP and JSKOS
- Close collaboration with project coli-conc
- Conversion of DDC numbers to captions
- Obtain as many supporters as possible
- Gain as much content as possible

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Thank you
for your attention.

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