

# **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
-

# Agenda.

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

GeoSearch Title Finder Top-rated content Recent content Currently indexed vocabularies 1,823

Download Terminology Registries Contact

 **BARTOC.org**  
Basel Register of Thesauri, Ontologies & Classifications

English

A multilingual, interdisciplinary Terminology Registry for Knowledge Organization Systems & Terminology Registries

### BASIC SEARCH


Keywords


### CONTENT


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
Social sciences	829

### ADVANCED SEARCH

DDC TOPIC LANGUAGE TYPE LOCATION

 **Universität Basel**  
Universitätsbibliothek



  
**SCHOLARLY**  
A POWERFUL DRUPAL THEME FOR ACADEMIA

This Data is made available under the Public Domain Dedication and License v1.0 whose full text can be found at:  
<http://www.opendatacommons.org/licenses/pddl/1.0/>

# Editorial Offices.



# Agenda.

---

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

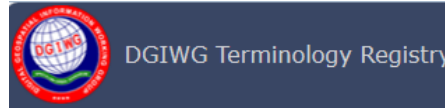
# Terminology Registries.



**ARISTOTLE**  
metadata registry



**DSE** DATA SERVICES ENVIRONMENT



**NEXTGATE**

PRIDE Archive



BioPortal



NSW GOVERNMENT **State Records Digital Archives**

Subject Analysis Systems (SAS)Collection

**CULTURE GRID**  
Vocabulary Bank

**datahub**  
The easy way to get, use and share data



**AMERICAN SOCIETY FOR INDEXING**



**finto**



**eHealth Ontario**



**Australian Bureau of Statistics**

**AgroPortal**  
LIRMM

**HeTOP**

**SISSVoc**  
SPATIAL INFORMATION SERVICES STACK VOCABULARY SERVICE

européana connect



**Jisc**

**Australian Bureau of Statistics**



RDA | Metadata Directory



**OCLC**

**IF4IT**

LIBRARY OF CONGRESS LINKED DATA SERVICE

**ISOCAT**



INSPIRE  
European Commission Registry



**KulturNav**

Terminology Coordination



**MET@OR**  
Metadata Online Registry

**museum**  
museumsvocabular.de  
**VOK**

**BODC**  
British Oceanographic Data Centre  
NATURAL ENVIRONMENT RESEARCH COUNCIL

knowledge integration

**Ontobee**

open **MDR**

**PREZ**.com

**open metadata registry**  
Supporting Metadata Interoperability

**orphadata**

**Research Vocabularies Australia**



**termcat**  
centre de terminologia



**AHRQ**

**World Health Organization**

# 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](https://doi.org/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](http://full.nkp.cz/nkkr/knihovna142_suppl/1402sup01.htm))

# Agenda.

---

1 What is BARTOC?

---

2 Why is BARTOC useful/necessary?

---

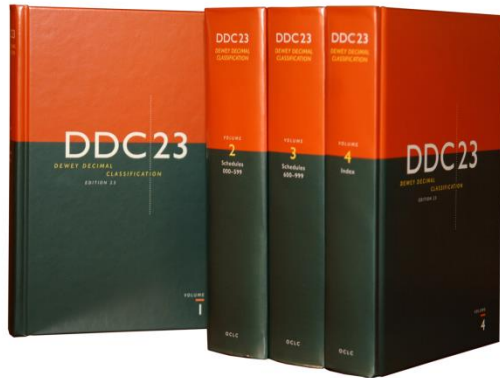
3 Description of Knowledge Organization Systems (e.g. DDC)

---

4 Future perspectives

---

# Controlled Vocabularies.



# 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>)

# Agenda.

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

# 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

# Thank you for your attention.

Follow BARTOC on



@BARTOC\_UBBasel