Integrating browsing over DDC notations in library portals

EDUG 2007 (Berne)

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German National Library

Introduction

Integrating browsing over DDC notations in library portals

- Existing solutions
- General problems

dnb

Existing Solutions

- Navigatore Dewey
- Baltica-net
- Dewey Browser (K-12)
- Dewey Browser (OCLC)
- MelvilSearch
- Maybe more …

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Navigatore Dewey

Navigatore Dewey: Cliccare sulla descrizione o sul numero a destra per accedere alle notizie

CLASSI PRINCIPALI

- Classe: GENERALITA (28483 notizie collegatenotizie collegate)
  - Divisione: BIBLIOTECONOMIA TECNICHE DELLA DOCUMENTAZIONE (2379 notizie collegate)
    - Sezione: **ATTIVITA DELLE BIBLIOTECHE** (906 notizie collegate)

CDD	Descrizione	Notizie
025.34160285574	ANALISI E CONTROLLO BIBLIOGRAFICO. CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DEI RARI. Archivi e basi di dati	1
025.342	CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DI RITAGLI, MANIFESTI, OPUSCOLI	2
025.3432	ANALISI E CONTROLLO BIBLIOGRAFICO. CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DELLE PUBBLICAZION IN SERIE	5
025.3436	CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DI LETTERATURA GRIGIA	4
025.344	CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DI MATERIALI LEGGIBILI DALLA MACCHINA	10
025.34405	CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DI MATERIALI LEGGIBILI DALLA MACCHINA. Pubblicazioni in serie	1
025.346	ANALISI E CONTROLLO BIBLIOGRAFICO. CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DELLE CARTE GEOGRAFICHE, DEGLI ATLANTI, DEI GLOBI	3
025.3471	CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DI IMMAGINI E STAMPE	7
025.34710285574	ANALISI E CONTROLLO BIBLIOGRAFICO. CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DELLE IMMAGINI E DELLE STAMPE. Archivi e basi di dati	2
025.3473	CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DI FILM, FILMINE, DIAPOSITIVE, VIDEONASTRI	1
025.348	CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DI AUDIOREGISTRAZIONI	2
025.3488	ANALISI E CONTROLLO BIBLIOGRAFICO. CATALOGAZIONE, CLASSIFICAZIONE, INDICIZZAZIONE DELLA MUSICA A STAMPA	4
025.4	ANALISI E CONTROLLO PER SOGGETTO	15
025.420943	ANALISI E CONTROLLO PER SOGGETTO. CLASSIFICAZIONE. Europa centrale Germania	1
025.431	CLASSIFICAZIONE DECIMALE DEWEY	26

Existing Solutions

- Navigatore Dewey
- ➢Baltica-net
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- Dewey Browser (OCLC)
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- Maybe more …

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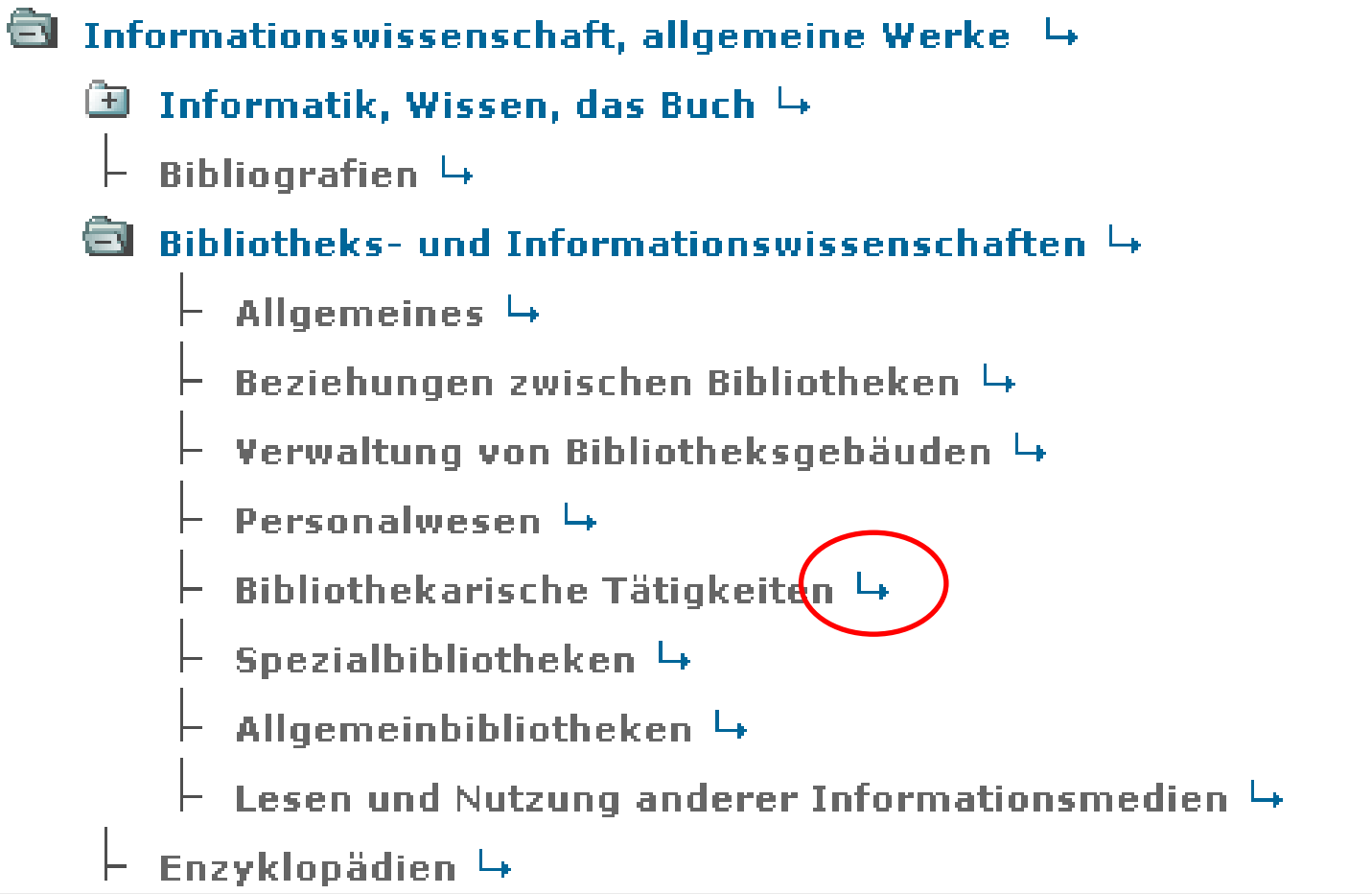
baltica-net


Informationswissenschaft, allgemeine Werke
Informatik, Wissen, das Buch
Bibliografien
Bibliotheks- und Informationswissenschaften
Allgemeines
Beziehungen zwischen Bibliotheken
Verwaltung von Bibliotheksgebäuden
Personalwesen
Bibliothekarische Tätigkeiten
Spezialbibliotheken
Allgemeinbibliotheken
Lesen und Nutzung anderer Informationsmedien
Enzyklopädien

baltica-net (2)

Zurück zur Sucheanfrage | Suche modifizieren

Ihre Suche nach *((Lokale Klassifikation / DDC) "/AN 70? OR /AN 71? OR /AN 72? OR /AN 73? OR /AN 74? OR /AN 75? OR /AN 76? OR /AN 77? OR /AN 78? OR /AN 93? OR /AN 94? OR /AN 95? OR /AN 96? OR /AN 97? OR /AN 98? OR /AN 99?" OR (Lokale Klassifikation / DDC) " 025")* lieferte 7 Treffer.

1. **Bibliografijos mokslas ir praktika XX amziaus antrojoje pusėje** mehr
   Janonis, Osvaldas. - Klaipėda : Klaipėdos Universiteto Leidykla, 2002

2. **Biblioteka ir skaitytojas** mehr
   Jaskonienė, Dalia. - Vilnius : Lietuvos Nacionalinė Martyno Mazvydo Biblioteka, 2001

3. **Rahvusbibliograafia uuenevas infokeskkonnas** mehr
   [= The national bibliography in a changing information environment]
   Andresoo, Janne. - Tallinn : Eesti Rahvusraamatukogu, 2001

4. **Zinātniskie personālie bibliogrāfiskie rādītāji** mehr
   Senberga, Ruta. - Rīga : Latvijas Univ., 2000

5. **Rahvusbibliograafia uuenevas infokeskkonnas** mehr
   [= National bibliography in a changing information environment]
   - Tallinn : Eesti Rahvusraamatukogu, 2000

6. **Lietuvos Nacionalinės Martyno Mazvydo Bibliotekos skaitytojai** mehr
   Busmienė, Stasė. - Vilnius : LNB, 1999

7. **Periodinių leidinių paplitimas ir skaitymas** mehr
   Cicėnienė, Viliunė. - Vilnius : LNB, 1998

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Dewey Browse

Web Sites Classified by the Dewey Decimal Classification System for Grades K-12

000-099 News, Internet, Museums & Magazines	100-199 Psychology, Witch Trials & Philosophy	200-299 Religion & Mythology
300-399 Education, Fairy Tales, Folk Tales & Social Sciences	400-499 Language	500-599 Sciences & Mathematics
600-699 Technology, Health & Cooking	700-799 Arts, Sports & Recreation	800-899 Literature
900-999 Geography, History & Travel	92 Biography	Teacher Resources Search Engines

Google™ Google Search

Dewey Browse (2)

004.67	Refdesk.com a one-stop site for all things Internet
004.67	Scout Report: Keep up to date with the Internet
004.67	World Wide Web Virtual Library
005.75	**CREATING WEB PAGES & HTML LINKS**
006.6	**GRAPHIC DESIGN, JAVA SCRIPT, PHOTOSHOP, COLOR**
011	Publishers Weekly Best Seller List
025.04	Choose the Best Search Engine for Your Information Needs
025.4	**DEWEY DECIMAL MADE FUN**
025.5	Virtual Reference Desk: From British Columbia
025.7	**BOOK REPAIR**
027	John Fitzgerald Kennedy Library Home Page
027	Library of Congress
028.7	**GENERAL REFERENCE SOURCES**
030	Information Please Almanac: The Ultimate Fact Finder

Dewey Browse (3)

025.4	CyberDewey
025.4	Dewey Browse
025.4	**DEWEY DECIMAL CLASSIFICATION**
025.4	Dewey Lesson Ideas
025.4	Dewey "Swat" Team to the Rescue
025.4	Dewey to the Rescue— A Multimedia Tour
025.4	Do the Dewey
025.4	Do We Really Know Dewey?
025.4	Library Quiz

Back to 000's

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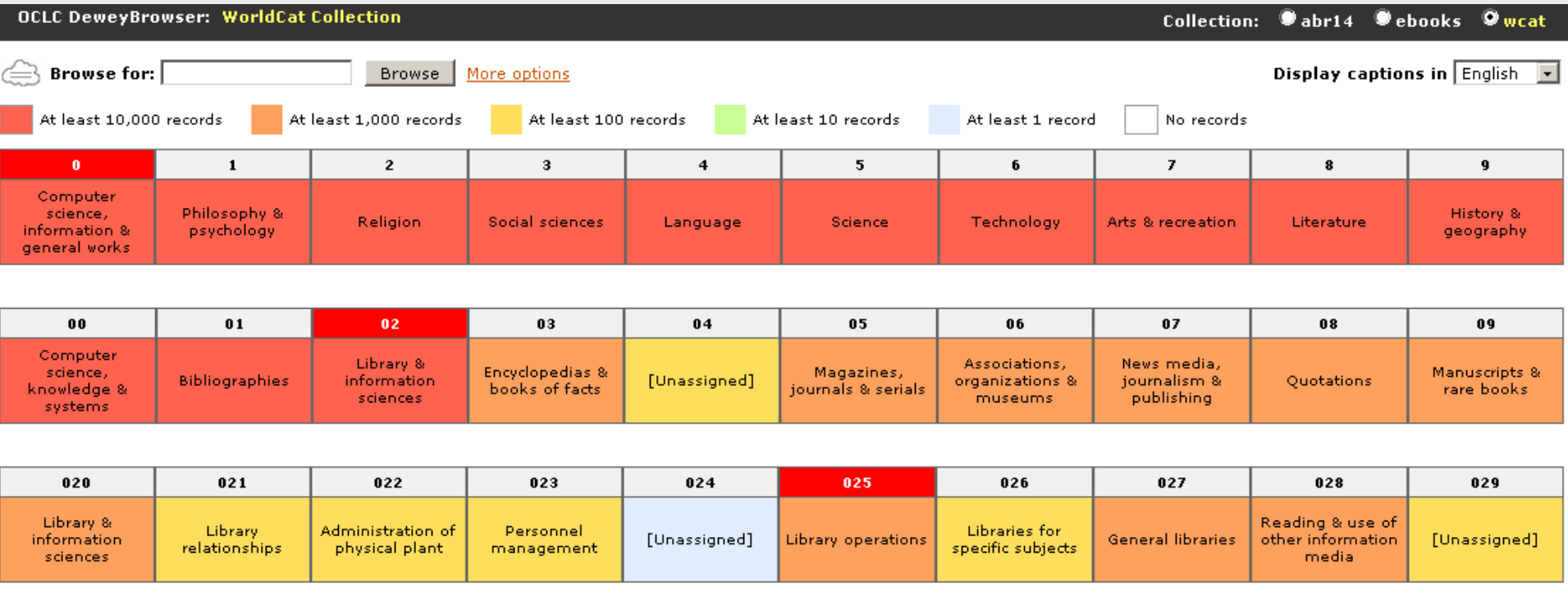
DeweyBrowser (OCLC)



Deutsche Nationalbibliothek

Dewey Browser (OCLC) (2)

00	01	02	03	04	05	06	07	08	09
Computer science, knowledge & systems	Bibliographies	Library & information sciences	Encyclopedias & books of facts	[Unassigned]	Magazines, journals & serials	Associations, organizations & museums	News media, journalism & publishing	Quotations	Manuscripts & rare books

020	021	022	023	024	025	026	027	028	029
Library & information sciences	Library relationships	Administration of physical plant	Personnel management	[Unassigned]	Library operations	Libraries for specific subjects	General libraries	Reading & use of other information media	[Unassigned]

7578 record(s) found | Displaying **1** to **10** for 025: Computer science, information & general works / Library & information sciences / Library operations

Previous **1** 2 3 4 5 6 7 8 9 10 Next

View Library Shelf

▼ Dewey #	Date	Title / Author	Libraries
025	1967	Thesaurus of ERIC descriptors	
025	1987	Library administration & management	
025	1954	Technical services in libraries: acquisitions, cataloging, classification, binding, photographic reproduction, and circulation operations / Tauber, Maurice Falcolm	
025	1966	Scientific management of library operations / Dougherty, Richard M.	
025	1996	The guide to Internet job searching	
025	1962	Practical administration of public libraries [by] Joseph L. Wheeler and Herbert Goldhor / Wheeler, Joseph Lewis	
025	2003	The art and science of documentation management / Tonfoni, Graziella.	
025	1986	The Video librarian	
025	1999	The organization of information / Taylor, Arlene G.	
025	1986	Technical standards : an introduction for librarians / Crawford, Walt.	

Previous **1** 2 3 4 5 6 7 8 9 10 Next

View Library Shelf

Dewey Browser (OCLC) (3)

020	021	022	023	024	025	026	027	028	029
Library & information sciences	Library relationships	Administration of physical plant	Personnel management	[Unassigned]	Library operations	Libraries for specific subjects	General libraries	Reading & use of other information media	[Unassigned]

7578 record(s) found | Displaying **1** to **10** for 025: Computer science, information & general works / Library & information sciences / Library operations

Previous **1** 2 3 4 5 6 7 8 9 10 Next

View Title List

025
Thesaurus of ERIC descriptors

025
Library administration & management

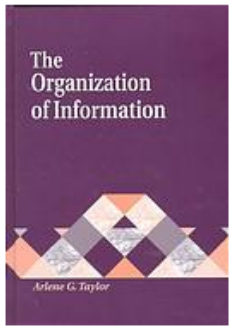
025
Technical services in libraries: acquisitions, cataloging, classification, binding, photographic reproduction,

025
Scientific management of library operations

025
The guide to Internet job searching

025
Practical administration of public libraries [by] Joseph L. Wheeler and Herbert Goldhor

025
The Video librarian



025
Technical standards : an introduction for librarians

Existing Solutions

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- ➢ MelvilSearch
- Maybe more …

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MelvilSearch

- Generic solution (works with [almost] any bibliographic system)
- Browsing and index search
- *Constraint:* Captions and Dewey numbers must not be shown in parallel

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MelvilSearch (2)

DDC-Suche: FU Berlin

MelvilSearch Your gateway to classified information

Browsing | Impressum | Copyright

Suchbegriff oder DDC-Notation [ ] Suchen

Thema	Treffer in dieser Klasse	Treffer in dieser Klasse und ihren Unterklassen
DDC-Übersicht	0 Titel	0 Titel
Informatik, Informationswissenschaft, allgemeine Werke	0 Titel	1000 Titel
Bibliotheks- und Informationswissenschaften	0 Titel	140 Titel
Tätigkeiten in Bibliotheken, Archiven, Informationszentren	0 Titel	61 Titel
Inhaltsanalyse und thematische Kontrolle	1 Titel	11 Titel
Universalklassifikationssysteme	**0 Titel**	**5 Titel**
Dewey-Dezimalklassifikation	3 Titel	3 Titel
Internationale Dezimalklassifikation	0 Titel	0 Titel
Library of Congress Classification	2 Titel	2 Titel
Bliss Bibliographic Classification	0 Titel	0 Titel
Colon-Klassifikation	0 Titel	0 Titel

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MelvilSearch (3)

Ergebnisliste

Sie haben gesucht nach: DDC-Vollnotation= "025.43*" , **Sortiert nach: Autor, dann Titel.**

Titel 1 - 5 von 5 (Es werden maximal 1000 Titel angezeigt und sortiert)

Gehe zu | Seite zurück | Seite weiter

Nr.		Autor	Titel	Bd.	Jahr	Standort
1	☐	Bowman, John H.	Essential Dewey		2005	Universitätsbibliothek
2	☐	Chan, Lois Mai	Dewey decimal classification		2003	Universitätsbibliothek
3	☐	Chan, Lois Mai	A guide to the Library of congress classification		1999	J.F.-Kennedy-Institut Universitätsbibliothek
4	☐	Dittmann, Helena	Learn Library of Congress classification	1	2000	Universitätsbibliothek
5	☐	Scott, Mona L.	Dewey decimal classification, 22nd edition		2005	Universitätsbibliothek

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MelvilSnippet

DDC-Suche: FU Berlin

MelvilSearch

Your gateway to classified information

Browsing | Impressum | Copyright

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Tätigkeiten in Bibliotheken, Archiven, Informationszentren	0 Titel	61 Titel
Inhaltsanalyse und thematische Kontrolle	1 Titel	11 Titel
Universalklassifikationssysteme	**0 Titel**	**5 Titel**
Dewey-Dezimalklassifikation	3 Titel	3 Titel
Internationale Dezimalklassifikation	0 Titel	0 Titel
Library of Congress Classification	2 Titel	2 Titel
Bliss Bibliographic Classification	0 Titel	0 Titel
Colon-Klassifikation	0 Titel	0 Titel

MelvilSnippet (2)

MelvilSearch in PHP

id = 590531

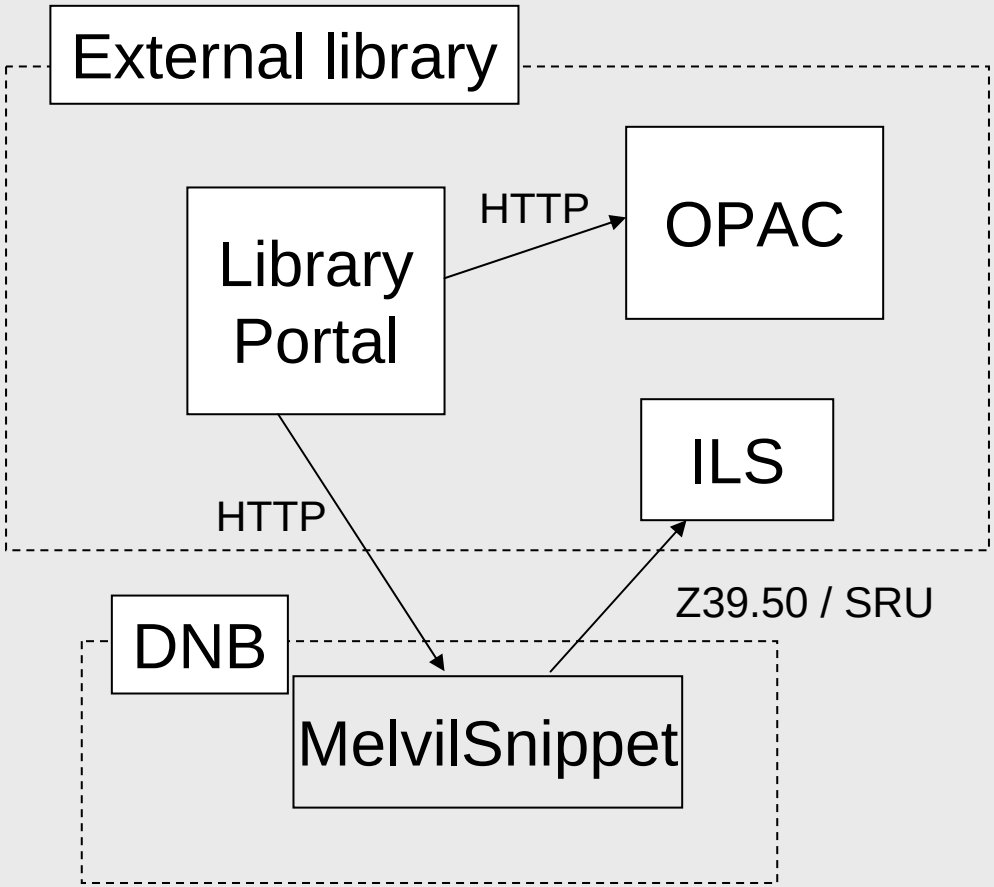
bs = dnb

path =

http://services.ddc-deutsch.de/test/melvilsnippet?id=590531&bs=dnb

Thema	Treffer in dieser Klasse	Treffer in dieser Klasse und ihren Unterklassen
DDC-Übersicht	0 Titel	0 Titel
Informatik, Informationswissenschaft, allgemeine Werke	0 Titel	3477 Titel
Bibliotheks- und Informationswissenschaften	0 Titel	314 Titel
Tätigkeiten in Bibliotheken, Archiven, Informationszentren	1 Titel	164 Titel
Inhaltsanalyse und thematische Kontrolle	2 Titel	9 Titel
Universalklassifikationssysteme	**1 Titel**	**2 Titel**
Dewey-Dezimalklassifikation	0 Titel	0 Titel
Internationale Dezimalklassifikation	0 Titel	0 Titel
Library of Congress Classification	0 Titel	0 Titel
Bliss Bibliographic Classification	1 Titel	1 Titel
Colon-Klassifikation	0 Titel	0 Titel

MelvilSnippet (3)



General Problems

- Built numbers: not always browseable
- Divide like: verbal search
- Class structure (spans): 811 looks like a subclass of 810
- Add tables: no index entries

dnb

Problems: Built Numbers

Terminology: What is a built number?

- A Dewey number composed from different parts in the schedules and the tables?

  226.09505 (Gospel stories retold)
  - 226 (Gospels and Acts)
  - 221.9505 (Old Testament stories retold)
- A Dewey number not present in the print edition but only in WebDewey/Melvil/…?

  332.632220973 (Dow Jones)
  - 332.63222 (Stock prices)
  - T2—73 (United States)

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Problems: Built Numbers (2)

Which parts should be stored?

943 (German history)

- 9 (history)
- T2—43 (Germany)

366.3092 (Odd Fellows – Biographies)

- 366.3 (Odd Fellows)
- T1—092 (Biographies)

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General Problems

- Built numbers: not always browseable

➢ Divide like: verbal search

- Class structure (spans): 811 looks like a subclass of 810
- Add tables: no index entries

dnb

Problem: Divide like

1. 940.31 (*Social, political, economic history of WW I*) has the add instruction “Add to base number 940.31 the numbers following 940.531 in 940.5311-940.5317, e.g., internment camps 940.317”
2. 940.31422 (*Reparations—World War I*) is thus built from 940.31 and 940.531422 (*Reparations [after World War II]*).
3. Bibliographic record classed with 940.31422 will have the notation parts 940.31 and 940.531422
4. 940.531422 has Index entry “Reparations -> World War II”
5. Search for “World War II reparations” will find 940.531422 and thus 940.31422
6. Care must be taken when adding parts of built numbers to a record. This would, however, definitely be a problem if the DDC is treated as an authority file.

General Problems

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Class Structure

	DDC-Übersicht	0 Titel	0 Titel
	Literatur	0 Titel	1792 Titel
8	Literaturen einzelner Sprachen und Sprachfamilien	0 Titel	1530 Titel
81	Amerikanische Literatur in Englisch	0 Titel	105 Titel
810	Amerikanische Literatur in englischer Sprache	1 Titel	20 Titel
810.1-818	**Unterklassen der amerikanischen Literatur in englischer Sprache**	**0 Titel**	**85 Titel**
810.1-810.9	Standardschlüssel; Sammlungen; Geschichte, Darstellung, kritische Bewertung amerikanischer Literatur in Englisch	0 Titel	17 Titel
811	Amerikanische Versdichtung in englischer Sprache	0 Titel	3 Titel
812	Amerikanische Dramen in englischer Sprache	0 Titel	6 Titel
813	Amerikanische Erzählprosa in englischer Sprache	0 Titel	55 Titel
814	Amerikanische Essays in englischer Sprache	0 Titel	3 Titel
815	Amerikanische Reden in englischer Sprache	0 Titel	1 Titel
816	Amerikanische Briefe in englischer Sprache	0 Titel	1 Titel

General Problems

- Built numbers: not always browseable
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➢ Add tables: no index entries

dnb

Problems: Add Tables

616.12507 Valvular diseases—Pathology

- 616.125 Valvular diseases
- 07 from add table at 616.1-616.9

Search for “pathology” doesn’t work if we don’t have index entries for the specific class (like when the notation parts are added to a record)

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Conclusion

Still no ideal solution for finding Dewey-classified resources in electronic environments (like digital libraries)

- Technical reasons
  - Dewey not part of off-the-shelf ILS
  - No support for cross-vocabulary search
- Structural reasons
  - Built numbers
  - Divide-like
  - Add tables

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Thanks for your Interest

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