COBISS - Cooperative Online Bibliographic System and Services

dr. Alenka Šauperl, assoc. prof.

Presentation for students of the Institut of Information Studies, Faculty of Philosophy, Charles University, Prague, 14 April 2011
History

- 1987 Association of the Yugoslav National Libraries
  - for the library information system and the system of scientific and technological information of Yugoslavia
- 1991 Slovenian independence
  - 55 libraries from all former Yugoslav republics
- Today > 600 libraries in different countries
  - COBISS.NET: Albania, Bosnia and Herzegovina, Bulgaria, Kosovo, Macedonia, Montenegro, Serbia and Slovenia
COBISS.SI

- Cooperative online bibliographic service in Slovenia
  - 405 libraries (14 March, 2011)
    - 1 national (National and University Library Ljubljana)
    - 75 academic libraries (all public universities)
    - 126 special libraries (factories, research institutes, museums, ministries, hospitals, etc.)
    - 61 public libraries (all)
    - 33 libraries in secondary schools
    - 249 libraries in primary schools
Shared cataloging

• Each item is catalogued only once, then all participants in the system can access the record through the COBIB shared bibliographic database and copy it into the local database (catalog), where they add local holdings information.

• On-line and in-time

• Bibliographic records for different types of library materials (monographs, serials, integrating resources, articles and other component parts), records for performed works
  
  – Personal bibliographies (SICRIS)
Standardized format

- COMARC/B for bibliographic records
- COMARC/A for authority data
  - COMARC/B and COMARC/A based on UNIMARC
- COMARC/H for holdings data
  - COMARC/H developed entirely by IZUM
- UNIMARC for international data exchange
  - Slovenska bibliografiija, WorldCat
- ISBD, national cataloging rules (Eva Verona)
Modules 1/2

- Cataloging and holdings
- Acquisitions
- Serials
  - Ordering, purchase, check-in, claims, maintenance of data on partners and funds
- Loan services including interlibrary loan
Modules 2/2

• Reports
  – catalog cards, bibliographies, various accession lists, accession registers for individual type of materials, barcode labels for library members and library materials, lists of withdrawn materials and lists of materials with a certain status etc.,
  – collection growth statistics, circulation statistics, loan transaction statistics, visitor traffic statistics, etc.,
  – lists of suppliers/vendors, orders, claims and invoices for individual type of materials(acquisitions).
Services

- Different services are available online
Services

- My Library
  - Reservations, renewal
- Most read books

<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Loans</th>
<th>Reservations</th>
<th>COBISS/OPAC</th>
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<tbody>
<tr>
<td>1. Zločin in kazen</td>
<td>Dostoevskij, Fedor Mihajlović</td>
<td>1087</td>
<td>46</td>
<td>COBISS.SHD</td>
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<td>2. Romeo in Julija</td>
<td>Shakespeare, William</td>
<td>919</td>
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<td>3. Vreden ljubezni</td>
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<td>5. Antigona</td>
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<td>806</td>
<td>3</td>
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<td>7. Matilda</td>
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<td>8. Nebeška vočica</td>
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<td>9. Solzice</td>
<td>Prežihov Voranc</td>
<td>706</td>
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</tbody>
</table>
E-reference

Reference Service Ask a Librarian - Introduction

Ask a Librarian is a free online reference service that allows you to ask questions and receive answers immediately – either in live chat mode or by e-mail within 24 hours Mondays to Fridays (except holidays). Assistance is provided by specially trained librarians/information professionals at participating libraries and IZUM.

The reference service provides two basic types of assistance:

- providing information from various resources (public and academic libraries)
- providing help for COEISS service users (IZUM).

Chat

Join the live chat with a librarian/information professional.

Ask by E-mail

Ask a question by using the form and receive an answer by e-mail.
Quality

• Standardization
  - Coding of some information, including UDC
• Education
• Licencing
• Control and correction
UDC

• Coding in COBIB
  - A selection of about 3000 concepts

• UDC outline
  - Freely available in 37 languages, including CS, SK and SL
Virtual Library of Slovenia

- COBISS.SI

The union bibliographic/catalogue database

COBIB.SI

Data contributed by over 400 Slovenian libraries (100,000 links to e-resources, 2 million books, 1.3 million articles, 90,000 journals, 75,000 CDs/DVDs, etc.)

Other databases in COBISS.SI system

- COIBISI - data on Slovenian libraries
- CONCOR.SI - authority file for personal and corporate names
- SGC - COBISS.SI General List of Subject Headings
- CDRES.SI - serials: Editors and others
- ELINKS.SI - e-publications with records in COBIB.SI

Local databases (catalogues) of libraries

- The National Library
- University and academic libraries
- Special libraries
- Public libraries
- School libraries
- Libraries outside Slovenia

Library: [Enter place, acronym, name or library code]

All libraries: 405

Other information resources

- Impact factor for journals from the Journal Citation Reports (JCR) database
- Contents pages of scientific journals OvidScan
- Library of Congress Name Authority File - LCSH
- OCLC databases - FirstSearch Service
- Selected catalogues of other foreign libraries
- Other specialised databases
## Information on Slovenian libraries

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<tr>
<th>Library code</th>
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<tr>
<td>Institution/Library name</td>
<td>Univerza v Ljubljani, Filozofska fakulteta i Osrednja humanistična knjižnica</td>
</tr>
<tr>
<td>Institution/Library name in English</td>
<td>University of Ljubljana, Faculty of Arts / Central Humanities Library</td>
</tr>
<tr>
<td>Library type</td>
<td>university/academic</td>
</tr>
<tr>
<td>Library status</td>
<td>independent</td>
</tr>
<tr>
<td>Library director/head</td>
<td>Dr. Milan Lovenjak, tel. +386 1 2411 180, E-pošta <a href="mailto:milan.lovjenjak@uni-lj.si">milan.lovjenjak@uni-lj.si</a></td>
</tr>
<tr>
<td>COBISS contact person</td>
<td>Marjana Beneš, tel. +386 1 2411 350, E-pošta <a href="mailto:marjana.benes@uni-lj.si">marjana.benes@uni-lj.si</a></td>
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<tr>
<td>Acronym in COBISS.SI</td>
<td>FFLJ</td>
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<tr>
<td>Membership in COBISS.SI</td>
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<tr>
<td>Address</td>
<td>Aškerčeva 2, 1000 Ljubljana, p. 580</td>
</tr>
<tr>
<td>Department</td>
<td>Osrednja humanistična knjižnica - strokovna služba, tel. +386 1 2411 180, fax 0 4259 337, E-pošta <a href="mailto:info.onk@uni-lj.si">info.onk@uni-lj.si</a></td>
</tr>
<tr>
<td></td>
<td>Knjižnica za ANGLIŠKO-GERMANISTIKO IN PREVAJALSTVO (soba 320), tel. +386 1 2411 350, E-pošta <a href="mailto:chk.ang@uni-lj.si">chk.ang@uni-lj.si</a></td>
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<tr>
<td></td>
<td>Knjižnica Odd. za APHEIOLOGIJU (Zavetniška 5, soba 13), tel. +386 1 2411 538, E-pošta <a href="mailto:chk.arh@uni-lj.si">chk.arh@uni-lj.si</a></td>
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<tr>
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<td>Knjižnica Odd. za AZIJSKE IN AFRIJSKE STUDIJE (prizadek, R58), tel. +386 1 2411 450, E-pošta <a href="mailto:onkaas@uni-lj.si">onkaas@uni-lj.si</a></td>
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<td>Knjižnica Odd. za BIBLIOTEKARSTVO (soba 530), tel. +386 1 2411 380, E-pošta <a href="mailto:onkbib@uni-lj.si">onkbib@uni-lj.si</a></td>
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<tr>
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<td>Knjižnica Odd. za ETNOLOGIJU in KULTURNO ANTROPOLOGIJU (Zavetniška 5, soba 8), tel. +386 1 2411 528, E-pošta <a href="mailto:chk.et@uni-lj.si">chk.et@uni-lj.si</a></td>
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<td>Knjižnica Odd. za FILOZOFIJO (soba 450), tel. +386 1 2411 116, E-pošta <a href="mailto:chk.filo@uni-lj.si">chk.filo@uni-lj.si</a></td>
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<tr>
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<td>Knjižnica Odd. za GEODEZIJU (soba 233), kartografska zbirka (soba 213a), čitalnica (soba 234), tel. +386 1 2411 250, E-pošta <a href="mailto:chk.geo@uni-lj.si">chk.geo@uni-lj.si</a></td>
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<td>Knjižnica Odd. za KLASIČNO FILOZOFIJO (soba 344), tel. +386 1 2411 420, E-pošta <a href="mailto:chk.filo@uni-lj.si">chk.filo@uni-lj.si</a></td>
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<td>Knjižnica Odd. za PRIMJERJALNO IN SPILOŠNO JEZIKOSLOVJE (prizadek, R58), tel. +386 1 2411 430, E-pošta <a href="mailto:chk.sloven@uni-lj.si">chk.sloven@uni-lj.si</a></td>
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<td>Knjižnica Odd. za PRIMJERJALNO KUZIJEVOST IN LIT. TEORIJO (soba 422), tel. +386 1 2411 382, E-pošta <a href="mailto:chk.lit@uni-lj.si">chk.lit@uni-lj.si</a></td>
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<td>Knjižnica Odd. za ROMANSKE JEZIKE IN KUZIJEVOSTI (soba 400; fr., it., šp., port.; tel.), tel. +386 1 2411 400, E-pošta <a href="mailto:chk.rom@uni-lj.si">chk.rom@uni-lj.si</a></td>
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<td>Knjižnica Odd. za SLOVENŠTVO in Odd. za SLAVIŠKO (soba 204), tel. +386 1 2411 300, E-pošta <a href="mailto:chk.slo@uni-lj.si">chk.slo@uni-lj.si</a></td>
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<td>Knjižnica Odd. za UMETNOSTNO ZGODOVINU (soba 330), tel. +386 1 2411 220, E-pošta <a href="mailto:chk.umet@uni-lj.si">chk.umet@uni-lj.si</a></td>
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<td></td>
<td>Knjižnica Odd. za ZGODOVINOU (soba 120), tel. +386 1 2411 200, E-pošta <a href="mailto:chk.zgod@uni-lj.si">chk.zgod@uni-lj.si</a></td>
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<tr>
<td>Interlibrary loan</td>
<td>Dr. Milan Lovenjak, E-pošta <a href="mailto:milan.lovjenjak@uni-lj.si">milan.lovjenjak@uni-lj.si</a></td>
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</table>
**CONOR**

- **Personal name authority file**

<table>
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<th>User</th>
<th>GARE</th>
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<td>Mal, Vitan</td>
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<td><strong>Nationality</strong></td>
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<td><strong>Language of person/corp.</strong></td>
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General List of Subject Headings

- Slovenian and multilingual (based on Sears SH)

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<tr>
<td>Used for</td>
<td>Češka literatura</td>
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<td>Used for</td>
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<td>Used for</td>
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<td>Equivalent LCSH heading</td>
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<td>SGC-ID</td>
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</table>
• Information on Slovenian journals
E-LINKS

- E-publications with hyperlinks in COBIB
• Searching the union catalog and local library catalogs
Characteristics of web searching can be applied to library catalogs

- Short sessions
- Short queries
- Boolean logic rarely understood and used (about 20% of users)
- Only first page is looked at
Characteristics

- We tend to be lazy:
  - About 1/2 of all sessions only make 1 query
  - 78% users only look at the 1\textsuperscript{st} page, about 13% also consider the 2\textsuperscript{nd} page and about 14% look at the 3\textsuperscript{rd} or more pages.
    - Entirely dependent on ranking of Google or other search engine, but are not aware of the mechanism.
  - An average query only contains 3 terms (words)
    - Only about 9\% of terms are unique
Bates, 2003

• 3 principles
  – We operate on the principle of the least effort.
  – We are not aware of our own information seeking process.
  – We are influenced by powerful people in our lives.
What could we do?

• More than 10 % of queries contain personal names
  – Authority file or other mechanisms of name disambiguation
    • Čajkovski = Čajkovskij = Tchaikovsky VIAF
    • Pseudonyms
    • Different people with the same name
    • Position of first and last name
  – Works written, translated, illustrated by that person or about the person
What could catalogs do?

- Physical location of the book in the library
- Content and indexes from the book included in the catalog record
- Hyperlinks
  - Among the bibliography in the book to other books in the catalog
  - Among the catalog records and web sources
- Relevance ranking
- Reader's reviews
- Recommendations
Reality

- Catalogs develop slowly and partially
- Databases develop fast and in complex ways
- Google is extremely influential
- Bookstores on the Web
What should a catalog do?

Statement of international cataloging principles (IFLA, 2009)

• The catalog should be an effective and efficient instrument that enables the user:
  
  – To **find** the resource in a collection as a result of a search using attributes or relationships of a resource;
  
  – To **identify** a bibliographic resource or agent
  
  – To **select** a bibliographic resource that is appropriate to the user's needs
  
  – To **acquire or obtain** access to an item described
  
  – To **navigate** through the bibliographic resources in a catalog
### UK central catalog title search for „katalog“ > 1000 hits

**Selected records:**
- View Selected
- Save/Mail
- Create Subset
- Add to My e-Shelf
- Refine
- Rank
- Filter

**Results for W-title= katalog; Not sorted**

**Records 1 - 20 of 1882 (max. display&sort is 10000 rec.)**

<table>
<thead>
<tr>
<th>#</th>
<th>Author</th>
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<th>Type</th>
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<td>Grzegorz Gerwazy Gorczycki : katalog tematyczny / redakcja Zygmunt M. Szweykowski</td>
<td>1985</td>
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<td>FPACU Musicology( 1/ 0)</td>
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</tbody>
</table>
North Carolina State University Libraries catalog

Title search for "catalog"

Library Catalog

Search within results

Results 1 - 10 of 24793

1. **Transmaterial 3: A Catalog of Materials that Redefine Our Physical Environment**
   - Published: c2010.
   - Format: Book
   - Design Library Stacks
   - TA403.B6.T152 2010
   - Checked Out

2. **The First White House Library: A History and Annotated Catalog**
   - Published: c2010.
   - Format: Book
   - D.H. Hill Library Stacks (9th floor)
   - Z732 .W18 F57 2010
   - Available

3. **A Master United States Catalog of Subgrade Soil-Water Characteristic Curve**
   - Published: 2010
   - Format: Online Video
   - Online
   - View resource online (NCSU only)

Expand Your Search

- 126567 results at Triangle research libraries
- 1032100+ results at Libraries worldwide
- Looking for articles? Try Summon beta

Narrow Your Search

- Currently available
- Available online
- New titles

Subject

- History (1624)
- Bibliography (1316)
- United States (760)
- Government publications (510)
- Art (884)

Genre

- Catalogs (7442)
- Congresses (4619)
- Reference (2312)
- Exhibitions (2246)
Attractive library catalogs

Tanja Merčun (2007)

• Comparisson of Amazon and 6 library catalogs
  - COBIB
  - WorldCat
  - Ann Arbor District Library
  - Hennepin County Library
  - Phoenix Public library
  - Queens Library
Solution

- Use existing data for filtering, grouping, narrowing the search
  - e.g., grouping by UDC

- Catalog appears in 53213 records:
  - Computer science (UDC 004): 21 records
  - Library science (UDC 02): 163 records
  - Philosophy (UDC 1): 8 records
  - Religion (UDC 2): 26 records
  - Social science (UDC 3): 28 records
  - Natural sciences and mathematics (UDC 5): 18 records
  - Geology (UDC 55): 27 records
The organization of information

by Arlene G. Taylor

Series: Library and information science text series

<table>
<thead>
<tr>
<th>Members</th>
<th>Reviews</th>
<th>Popularity</th>
<th>Average rating</th>
<th>Conversations</th>
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<td>897</td>
<td>15</td>
<td>6,361</td>
<td>★★★ (3.12)</td>
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Recently added by SUDSbooks, ANary, private library, tigrercsa, histrygrrl, AmCorSubotica

Tags

archives cataloging classification grad school indexing information information architecture information retrieval information science information studies librarianship libraries library library and information science library school library science LIS metadata MLIS non-fiction organization own read reference school textbook textbooks theory
Recommendations

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Lois Mai Chan
Richard Rupin
Thomas Mann
Peter Morville

Peggy Johnson
Suzanne S. Bell
Donald Owen Case
Gregory S. Hunter
Elizabeth Haynes

Sheila S. Intner
Geoffrey C. Bowker
Elaine Syenonius
Lynn Silipigni...
Louis Rosenfeld

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- [Exchange Mailbox Search](www.nemx.com/ExchangeMailboxSearch) - Message and Attachment E-Discovery Concepts, keywords, regex, PCI, SSN

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27% buy the item featured on this page:
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5% buy
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- Reader's reviews
- Part of the text
- Entire text available online

- Never stop inventing new options!
Suggested reading


