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MetaLib Copy Cataloging in Uniform Information Gateway

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Uniform Information Gateway

- MetaLib / SFX project of National Library of the Czech Republic and Charles University in Prague
- Since 2002 - MetaLib 1.3
- At present MetaLib 4 and SFX 3
- http://www.jib.cz
Copy Cataloging Module (CoCa)

- **Licensed** add on module to MetaLib which makes accessible all searchable MetaLib resources through Z39.50 server
- Developed for KOBV in Berlin in 2002
- Later modified for National Library of the Czech Republic to support character sets conversions and format conversions
Copy Cataloging – How it works

- You can search either single resource or a group of resources.
- MetaLib Z39.50 database is called „profile“.
- Profile contains **one or more** resources and character set conversion to be used.
- You can create as much profiles as you need.
- If more resources is in the profile then the query is **sequentially** sent to resources in the list till hit is found.
Copy Cataloging – How it works

- Profile can be **password protected** – Z39.50 client needs to be authenticated
- MetaLib can provide **more bibliographic formats** – records are converted **on-the-fly** per request of Z39.50 client (he asks for preferred format)
- Conversion can be made by classic MetaLib means (conversions tables) or by **separate convertor**
Copy Cataloging in UIG

- Used from 2002 for **ALEPH 500** libraries
- Massive growth in usage from March 2004 when **conversion of character sets and formats** (UNIMARC / MARC 21) was enabled
- Copy Cataloging function was offered to **all Czech libraries**
Copy Cataloging in UIG

- Since 2004 most of the main Czech libraries migrated from UNIMARC (no more supported by IFLA) to MARC 21
- Multidata Ltd. with National Library developed comprehensive convertor with precise UNIMARC / MARC 21 conversion rules
- Most of migrating libraries used this tool for batch conversions of their collection
- This convertor is also used in UIG Copy Cataloging
Nearly 100 Czech libraries is accessing our Z39.50 server
We have created for them about 220 profiles (separate Z39.50 databases)
Every working day MetaLib Z39.50 server receives nearly 2000 queries
Connecting...OK.
Sent initRequest.
Connection accepted by v3 target.
ID : 81
Name : Metalib Server/GFS/YAZ
Version: METALIB 4.0/1.90/2.1.32
Options: search present delSet
Elapsed: 0.011505

Z>

Sent presentRequest {1+1}.
Records: 1

[GATE_P_ML] Record type: USMARC
00648nas a22000253 a 4500
001 kzp19498
003 CZ PrSKC
005 20061025173333.0
008 960915c19409999xxuuu p ||| |u| eng
022 $a 0026-7538
040 $a ABA100 $b cze
080 $a 663.4
245 00 $a Modern brewery age
260 $a Norwalk : $b Business Journals, $c 1940-
310 $a 1x mříšťátní
500 $a BAA001
780 04 $t Brewery age $x 0096-445X
780 04 $t Modern brewer $x 0096-4972
900 $a ABA100 $b 11
906 $a vf20061025 $b josm
909 $a 000012370
910 $a ABA009 $r 1958-62,65,74-78 $t p
910 $a ABC065 $q v $r 1947-48
910 $a HKF003 $r 1973-82 $t p
nextResultSetPosition = 2
Elapsed: 1.105103

Z>

Sent searchRequest.
Received SearchResponse.
Search was a success.
Number of hits: 20, setno 1
Copy Cataloging – Yaz client

Z> show 1
Sent presentRequest (1+1).
Records: 1

| 007 | $a 0026-7538
| 100 | $a 19960915a19409999u 0czey0103 ||
| 101 | $a eng
| 102 | $a US
| 105 | $a Xxyo| | | | | | y
| 106 | $a z
| 110 | $a auu| | | | | | |
| 200 | $a Modern brewery age
| 210 | $a Norwalk Sc Business Journals $d 1940-
| 300 | $a BAA001
| 326 | $a 1x mÅsä-äTnÄ,
| 436 | 0 $1 2001 $a Brewery age $1 011 $a 0096-445X
| 436 | 0 $1 2001 $a Modern brewer $1 011 $a 0096-4972
| 675 | $a 663.4
| 801 | 0 $b ABA100
| 900 | $a ABA100 $b ll
| 906 | $a vy20061025 $b joso
| 909 | $a 000012370
| 910 | $a ABA009 Sr 1950-62,65,74-78 $t p
| 910 | $a ABC065 Sq v Sr 1947-48
| 910 | $a HKF003 Sr 1973-82 $t p
nextResultSetPosition = 2
Elapsed: 0.089464
Copy Cataloging – other implementation

- KOBV - Germany
- ROLiNeST – Romanian consortia
- SESIM – Swedish consortia
MarcMan Convertor

- Universal tool for conversion of bibliographic records (all document types)
- Precise conversion from MARC 21 to UNIMARC and vice versa
- Possible way to define any conversion rules for MARC based formats – special language for rules definitions
- On the fly conversions or batch conversions
- In batch mode formal record syntax check can be used
- Convertor can be easily integrated in various software products – MetaLib, ALEPH 500, other ILS etc.
MarcMan Convertor – in use

- National Library of the Czech Republic, Moravian Library, Research Library in Olomouc – MarcMan used for on-the-fly conversion of records on ALEPH 500 Z39.50 server
- National Library of the Czech Republic – MarcMan in UIG MetaLib Copy Cataloging
- ROLiNeST (Romania) – MarcMan in MetaLib 4 Copy Cataloging module for members of Rolinest consortia
MarcMan Convertor – More about

Thank You

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