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**MetaLib Copy Cataloging in  
Uniform Information Gateway**

[www.multidata.cz](http://www.multidata.cz)

# 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>

# Uniform Information Gateway



CNL

[QuickSearch](#) | [Find Database](#) | [Find e-Journal](#) | [MetaSearch](#) | [My Space](#) | [Info portal](#)  
[Search](#) | [Results](#)



Guest

## QuickSearch

Simple

Advanced

OK

### QuickSets

- Foreign books**  
European and US library ...
- Books in Czechia**  
Main union catalogues in the ...
- Czech articles**  
Chosen Czech article databases
- Foreign articles**  
Chosen foreign article ...
- Czech Periodicals**  
Newspapers, journals and ...

Powered by MetaLib

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# 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



# Copy Cataloging in UIG – in numbers

- ❖ 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

# Copy Cataloging – Yaz client

```
Z> open tcp:www.jib.cz:9991
Connecting...OK.
Sent initrequest.
Connection accepted by v3 target.
ID      : 81
Name    : Metalib Server/GFS/YAZ
Version: METALIB 4.0/1.98/2.1.32
Options: search present delSet
Elapsed: 0.011505
Z> base GATE_P ML
Z> find Galle 1-4 brewery
Sent searchrequest.
Received SearchResponse.
Search was a success.
Number of hits: 20, setno 1
```

```
Z> show 1
Sent presentRequest (1+1).
Records: 1
[GATE_P ML]Record type: USmarc
00648nas a2200253 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 mÄ>sÄ-ÄŤnÄ>
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 joso
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
```

# Copy Cataloging – Yaz client

```

Z> format unimarc
Z> show 1
Sent presentRequest (1+1).
Records: 1
[GATE_P_ML] Record type: Unimarc
00759nas 2200301 450
001 kzp19498
005 20061025173333.0
011 $a 0026-7538
100 $a 19960915a19409999u 0czey0103 ||
101 0 $a eng
102 $a US
105 $a XXyo||||| y
106 $a z
110 $a auu|||||
200 1 $a Modern brewery age
210 $a Norwalk $c Business Journals $d 1940-
300 $a BAA001
326 $a 1x mÄ>sÄ-ÄŤnÄ>
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 11
906 $a vf20061025 $b joso
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: 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

❖ [http://www.multidata.cz/marcman/marcman\\_about.html](http://www.multidata.cz/marcman/marcman_about.html)

# Thank You

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