

Moving and Merging Libraries with Koha

KohaCon 2011 : Vidya Prasarak Mandal, Thane, India

Marijana Glavica, mglavica@ffzg.hr
Faculty of Humanities and Social Sciences
University of Zagreb, Croatia

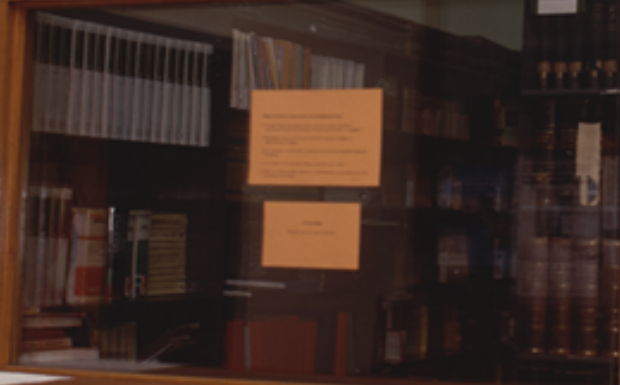
Old libraries

- 19 department libraries
- humanities
 - philosophy, history, art history, archaeology, anthropology, ethnology, languages, literature, linguistics
- social sciences
 - psychology, pedagogy, sociology, information sciences

Old libraries (cont.)

- everything in one room: materials, librarians, users
- 1300 m² - 600.000 items - ?? librarians
average: 65 m² - 30.000 items - 1 librarian
 - with differences among libraries
- usually no open access to shelves for users







Old libraries (cont.)

- libraries working primarily for faculty and students of the particular department they belong to
- opened to students and faculty from other departments, (but they could feel less comfortable than in "their" library)
- different libraries holding the same title

Old libraries for users

- students could find materials needed for their studies
- not enough items available, using photocopies
- no strict circulation rules for faculty
- 3 reading rooms for students
- 100 seats for students, 20 computers
- short opening hours
- friendly atmosphere

Library automation?

- year 2002. - project Scientific Information System for Humanities
- CDS/ISIS for cataloging
- separate databases - for every library and material type
- separate (paper) records for patron contact info
- manual circulation



- almost UNIMARC
- manually entering subfield codes

Union catalog - WebPAC

- the goal: make library collections more available by making library records visible and searchable on the Web
- first try in integration of library services
- first project utilizing free software

WebPAC

- library bibliographic data (books, journals, articles, ...)
- lists of e-journals with journal-level links
- more than 40 separate data sets, different formats
 - CDS/ISIS mst/xrf file, MARC ISO-2709, MS Excel, ...
- 350.000 records

all in one interface

WebPAC

- very fast
- search options
 - words from title
 - title phrase
 - beginning of the title
- browsing through indexes
- limit search to material type and/or library

Knjižnice Filozofskog fakulteta
Sveučilišta u Zagrebu

katalozi baze podataka digitalne zbirke knjižnice i usluge

Katalog Knjižnica FF-a

Sva polja:	<input type="text"/>	Pretraži !
Autor(i):	<input type="text"/>	kazalo
Naslov:	<input type="text"/>	kazalo
	<input checked="" type="radio"/> bilo koja riječ <input type="radio"/> početak naslova <input type="radio"/> cijeli naslov	
Godina:	<input type="text"/>	
Izdavač:	<input type="text"/>	
ISBN/ISSN:	<input type="text"/>	
<input type="text" value="Ključna riječ"/> <input style="border: none; background-color: #ccc; padding: 2px 5px;" type="button" value="v"/>	<input type="text"/>	kazalo

[Pretraži !](#)
[Vrati početne vrijednosti !](#)

Ograniči pretraživanje:

Ukoliko niste ništa označili, pretražujete preko svega

Vrsta građe: <ul style="list-style-type: none"><input type="checkbox"/> Knjige<input type="checkbox"/> Tiskani časopisi<input type="checkbox"/> Elektronički časopisi<input type="checkbox"/> Članci i poglavlja<input type="checkbox"/> Disertacije i magistarske radnje<input type="checkbox"/> Diplomске radnje<input type="checkbox"/> Audio-video građa (CD, DVD, Video kazeta)	Knjižnice: <ul style="list-style-type: none"><input type="checkbox"/> sve humanističke knjižniceili pojedine knjižnice:<ul style="list-style-type: none"><input type="checkbox"/> Anglistika<input type="checkbox"/> Arheologija<input type="checkbox"/> Etnologija<input type="checkbox"/> Filozofija<input type="checkbox"/> Fonetika<input type="checkbox"/> Germanistika<input type="checkbox"/> Klasična filologija<input type="checkbox"/> Komparativna književnost<input type="checkbox"/> Lingvistika i orijentalni studiji<input type="checkbox"/> Povijest<input type="checkbox"/> Povijest umjetnosti<input type="checkbox"/> Romanistika<input type="checkbox"/> Skandinavistika	<ul style="list-style-type: none"><input type="checkbox"/> sve knjižnice društvenih znanostiili pojedine knjižnice:<ul style="list-style-type: none"><input type="checkbox"/> Informacijske znanosti<input type="checkbox"/> Pedagogija<input type="checkbox"/> Psihologija<input type="checkbox"/> Sociologija<input type="checkbox"/> središnja štamparna
---	--	--

New library building - fast forward



Three in One

- **moving** libraries to new location
 - how to find your items after you move them to another location?
- **merging** old libraries collections
 - new library will have open access to shelves with self-check
 - simple and functional call number scheme is needed
- integrated library **software implementation**
 - librarians have never been using ILS before

National university libraries system

- National and University Library signed contract with Endeavor for Voyager (end of 2005)
- Voyager implementation for National and University Library (during 2006), production at the beginning of 2007.
- change from UNIMARC to MARC21
- UTF-8 support problems

Preparing for Voyager

- actively involved in the project, attending education and meetings, cooperating with National and University Library (beginning of the year 2007)
- started to develop software tools for data conversion and cleaning data from errors (middle of 2007)

Data mangling - WebPAC2

- data conversion between various input and output formats (CDS/ISIS mst, MARC ISO-2709, Excel, csv,..)
- normalize differences in data structures
- combine data from two or more sources to single output (lookups)
- detect and correct (systematic) errors in source data
- generate reports for manual cleaning of errors (when necessary), calculate frequencies
- validate MARC (marclint)
- completely configurable - yaml, perl

Construction continues

- beginning of the year 2008
- public tender for RFID - ILS has to be specified in documentation

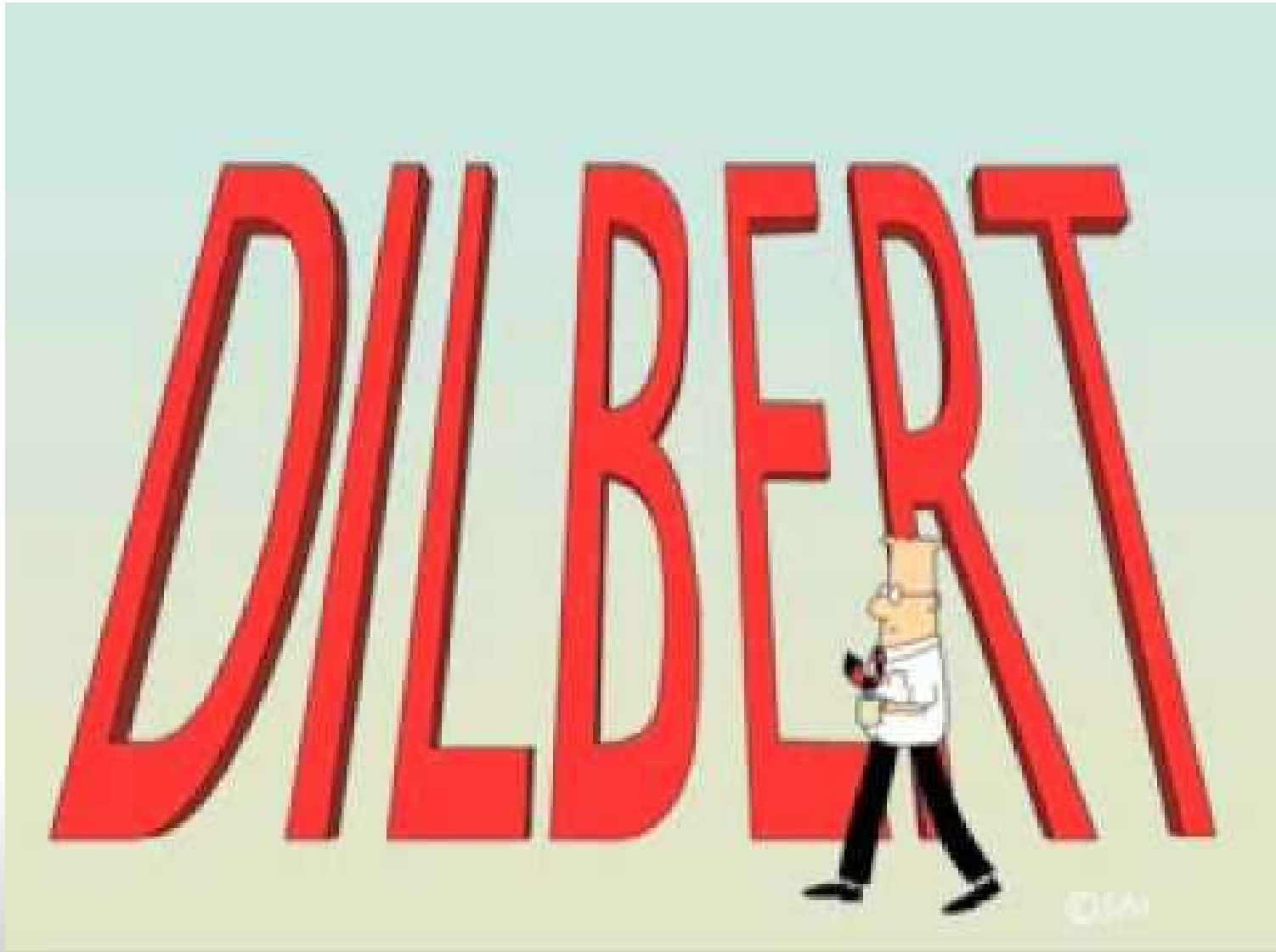


panic!

- Voyager sold to Ex Libris
- Ex Libris offered Aleph
- national project stalled

something like this:

<http://www.youtube.com/watch?v=ME7alle6Vtg>



Searching for alternative solution

important stuff:

- integrated
- standards and interoperability
- ease of use for librarians, users and administrators
- direct access to the database preferred

Koha 3.0.0 Beta Released

23 March 2008



Release Notes

Koha 3 is the next-generation release of the award-winning Koha open-source integrated library system.

You can obtain Koha 3.0 Beta from the following URL:

<http://download.koha.org/koha-3.00.00-beta2.tar.gz>

These Release Notes cover What's New in Koha 3, information about the new Revision control system (Git), and Version-release process, pointers to Download, Installation, and Upgrade documentation, a brief introduction to the new Templates, a call to Translation and Documentation writers, and finally, Known Issues with this version.

=====
WHAT'S NEW IN KOHA 3?
=====

(unusual) steps in implementation

April 3, 2008:

- Koha installation
- test migration (data was prepared before)

April 4, 2008:

- quick meeting with library manager and informatics department manager, quick agreement, no formal decision (declared later in RFP for RFID)

April 10, 2008:

- forming the working group (5 people)
- starting to work on Koha implementation (and everything else)

October 15, 2008.

- first library starts to work with Koha

don't follow if you have any other solution!

New call number system

Raspored gradje u Knjiznici FF-a

BC

classification part:

- first letter - floor designation (A, B, C, D, E, F)
- second letter - collection (ex library)
- two digit number - subject division

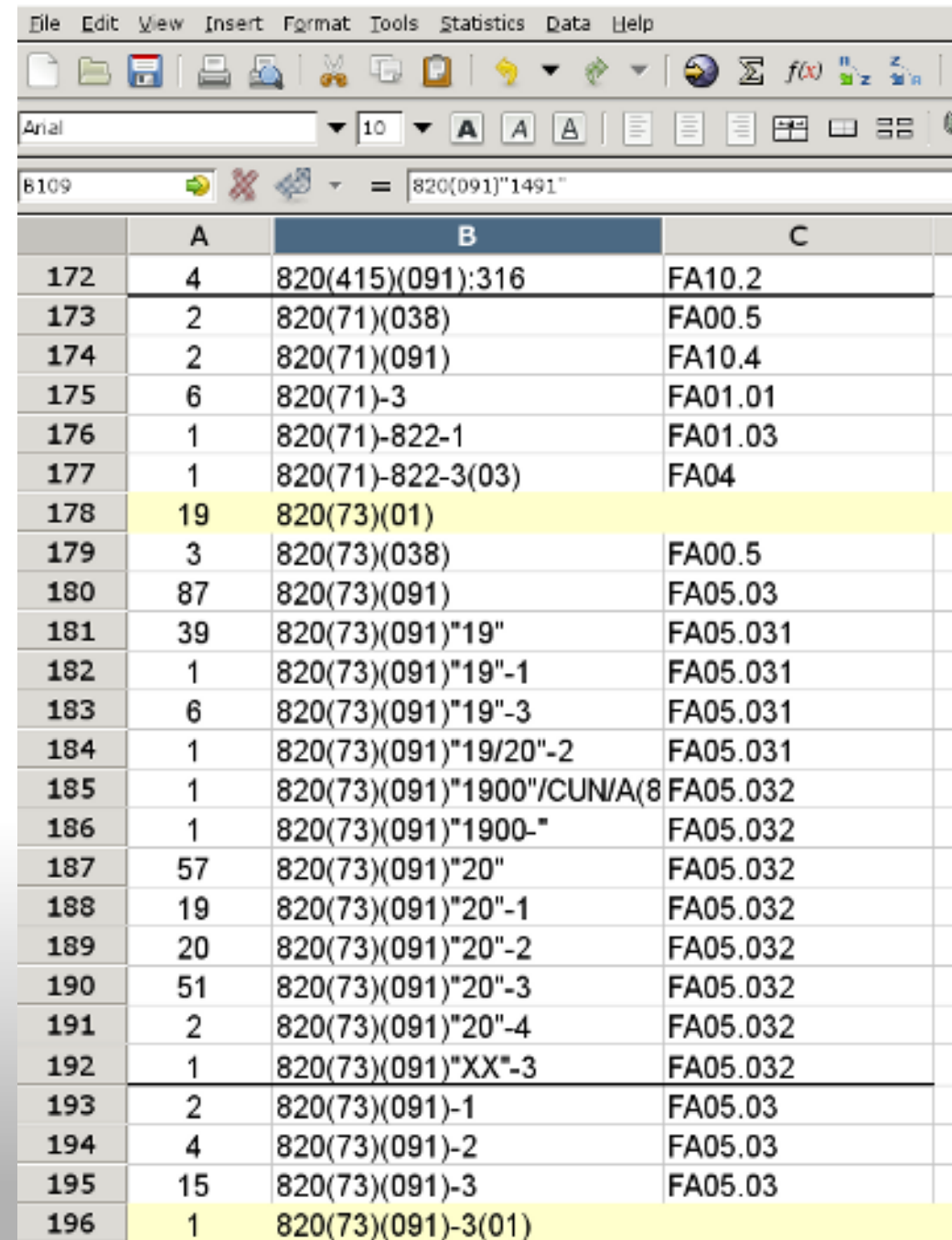
item part:

- first three letters of author's name
- first letter of title

BC	PSIHOLOGIJA
BC00	Referentna zbirka psihologije
BC01	Psihologija općenito
BC01.11	Percepcija
BC01.12	Kognicija
BC01.13	Inteligencija
BC01.14	Motivacija i emocije
BC01.21	Individualne razlike. Kulturalna psihologija
BC01.22	Psihologija životinja
BC01.23	Evolucijska psihologija
BC01.3	Popularna psihologija
BC01.4	Psihologija kao struka
BC02	Povijest psihologije
BC03	Psihometrija
BC04	Biološka psihologija
BC04.1	Anatomija i fiziologija
BC04.2	Genetika

Subject divisions and mappings

- subject divisions made by subject librarians
- based on
 - old call number
 - classification (UDC)
 - experience and understanding of the subject
- relevant data from old databases exported in Excel table
- librarians have done mappings from old system to the new one



The screenshot shows an Excel spreadsheet with a menu bar (File, Edit, View, Insert, Format, Tools, Statistics, Data, Help) and a toolbar. The active cell is B109, containing the formula `=820(091)"1491"`. The spreadsheet contains a table with the following data:

	A	B	C
172	4	820(415)(091):316	FA10.2
173	2	820(71)(038)	FA00.5
174	2	820(71)(091)	FA10.4
175	6	820(71)-3	FA01.01
176	1	820(71)-822-1	FA01.03
177	1	820(71)-822-3(03)	FA04
178	19	820(73)(01)	
179	3	820(73)(038)	FA00.5
180	87	820(73)(091)	FA05.03
181	39	820(73)(091)"19"	FA05.031
182	1	820(73)(091)"19"-1	FA05.031
183	6	820(73)(091)"19"-3	FA05.031
184	1	820(73)(091)"19/20"-2	FA05.031
185	1	820(73)(091)"1900"/CUN/A(8	FA05.032
186	1	820(73)(091)"1900"-	FA05.032
187	57	820(73)(091)"20"	FA05.032
188	19	820(73)(091)"20"-1	FA05.032
189	20	820(73)(091)"20"-2	FA05.032
190	51	820(73)(091)"20"-3	FA05.032
191	2	820(73)(091)"20"-4	FA05.032
192	1	820(73)(091)"XX"-3	FA05.032
193	2	820(73)(091)-1	FA05.03
194	4	820(73)(091)-2	FA05.03
195	15	820(73)(091)-3	FA05.03
196	1	820(73)(091)-3(01)	

Why not UDC based call numbers?

- UDC was freely applied - from the perspective of particular subject collections
(pedagogy books classified as sociology and similar)
- call number system based on UDC would be very wrong for some collections, because it would not follow the user needs
- UDC is complicated to read - problem if you have open access to shelves and want to enable self-service

Data migration to Koha

- library by library
- library starts working on items immediately after migration

Items management - search for items

- Firefox plugin

screenshot

Items management - call numbers

- suggested data filled in fields 942\$h and \$i with conversion scripts
- 942\$h came from mappings table made by librarians
- 942\$i was generated based on author and title

Items management - RFID tags

- writing data (barcodes) to RFID tags
- barcodes generated in Koha
- reading data from Koha - through window title
- RFID tag position images in items editor - random

Items for Cognitive psychology / by Sternberg, Robert J. (Record #214199)

	Otpis	Izgubljeno	Oštećeno	Nije za posudbu	Zbirka	Location (home branch)	Sublocation or collection (holding branch)	Smještaj	Date acquired	Barkod	Koha date last seen	Inv. broj	Price effective from	Vrsta građe	Napomena o primjerku (javna)
Edit Delete					Psihologija	Knjižnica FF	Knjižnica FF	Provjeriti na pultu	2008-11-26	1301265469	2008-11-26	psi8560	2008-11-26	Knjiga	

Edit Item #265469

0 - Otpis

1 - Izgubljeno

4 - Oštećeno

7 - Nije za posudbu

8 - Zbirka

c - Smještaj

suggested call number

o - Signatura (cijela)

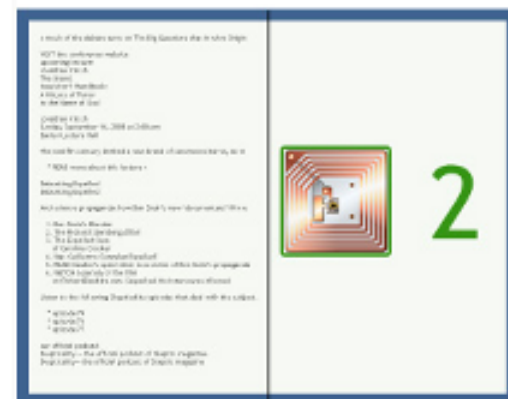
p - Barkod

t - Inv. broj

y - Vrsta građe

z - Napomena o primjerku (javna)

Pozicija RFID naljepnice



RFID tag position

Save Changes

Writing data to RFID tags

screenshot

Reports

- help with controlling data - important!
 - lists of call numbers by collection
 - list of duplicate call numbers
 - list of items by collection, item type, statuses..
 - ...
- SQL2XLS for reporting
 - create directory and file with SQL query
 - enter URL (using the name of the directory with SQL file)

Printing labels

screenshot

Patron data

- LDAP integration

Circulation

screenshot

self-check (Dobrica)



Call numbers for closed stocks

screenshot