



MARC

MAchine Readable Cataloguing. "Machinereadable" means that one particular type of machine, a computer, can read and interpret the data in the cataloguing record. "Cataloguing record" means a bibliographic record, or the information traditionally shown on a catalogue card.

MEDIO / EN	Zelazny, Roger 1937-1995
SCIFI	Nine princes in amber [1st ed.], by Roger Zelazny. Garden City, NY, Doubleday [1970]
	188 p. ; 22 cm.
The same	Cover art: Amelia S. Edwards.
	FOR USE IN MERRIL COLLECTION ONLY. NOT AVAILABLE FOR INTERLIBRARY LOAN
	1. Amber (Imaginary place) Fiction. I. Title



Bibliographic Record?

- Bibliographic description stored either manually or electronically.
- Information about an item, recorded in a standard format and held in a database. Cards / online catalog.
- Bibliographic record includes call number, author, title, publication information, paging, subject headings, etc.
- Uses Character strings, including a record label, a directory, and a bibliographic data describing one entity.

Bibliographic Record Formats - Why?

- Format is the set of rules governing the data structure and content? *i.e.* a carrier for data between two systems, e.g. ISO 2709
- Different file formats for exchange of bibliographic data
- Exchange formats were developed in parallel with development of computers and other electronic storage devices
- Affects economies by reducing the duplication of effort.
- Different country and organization developed their own format. But there was no co-ordination between these organizations.
- UNESCO, IFLA, UNISIST, ISO have taken many steps towards the standardization of Bibliographic exchange format.

MARC – MAchine Readable Catalogue?

- MAchine Readable Cataloguing. "Machine-readable" means that one particular type of machine, a computer, can read and interpret the data in the cataloguing record.
- Cataloguing record means a bibliographic record, or the information traditionally shown on a catalogue card.
- Cataloguing record: MARC, UNIMARC and CCF formats which have the common record structure based on the ISO 2709 format
 - 3-digit tags
 - subfields \$a, \$b, \$4
 - indicators of 2 characters

MARC Machine Readable Cataloguing

- MARC standards are a set of digital formats for the description of items catalogued by libraries, such as books.
- American computer scientist **Henriette Avram** developed MARC in the 1960s to create records that could be read by computers and shared among libraries



MARC: History



Communication Barriers

X Lack of International Cataloguing Standards

- X Lack of International Subject Control Systems
 - X Variety Classification Systems
 - X Language Difficulties.
- X Character Sets, Codes, Non-Roman Alphabets
- X Exchange of Bibliographic Records
- X Various Roles of National Bibliographies / Libraries

UNIMARC: UNIversal MARC

Development

- Developed by IFLA, 1977
- UNIMARC Handbook, 2nd ed., 1980
- UNIMARC Manual, 1983
- Need for international 'switching' format

Scope

- Specify the content designators (tags, indicators and subfield codes)
- Covers monographs, serials, cartographic materials, music, sound recordings, graphics, projected and video materials, rare books and electronic resources.

Purpose

- Facilitate the international exchange of bibliographic data in MARC form between national bibliographic agencies.
- UNIMARC a model for the development of new machine-readable bibliographic formats.

Users

- National libraries for international exchange
- Certain countries for exchange between national library and others

UNIMARC: Solution?

Features

Co-op effort of 16 Countries

Implements ISBD

Multilingual Material

Material Specification Independent

Stability – Tags, Indicators, Subfields

Abridging Format between different MARC

Independent of Cataloguing Codes

Accommodates Local / Specific Data

UNIMARC based MARC Formats

SAMARC, Chinese MARC,

JAPANMARC, YU-MARC (crotia)

1st Ed – 1977, 2nd Ed – 1980

Scope –tags, indicators, subfiled codes

Facilitate International Data Exchange

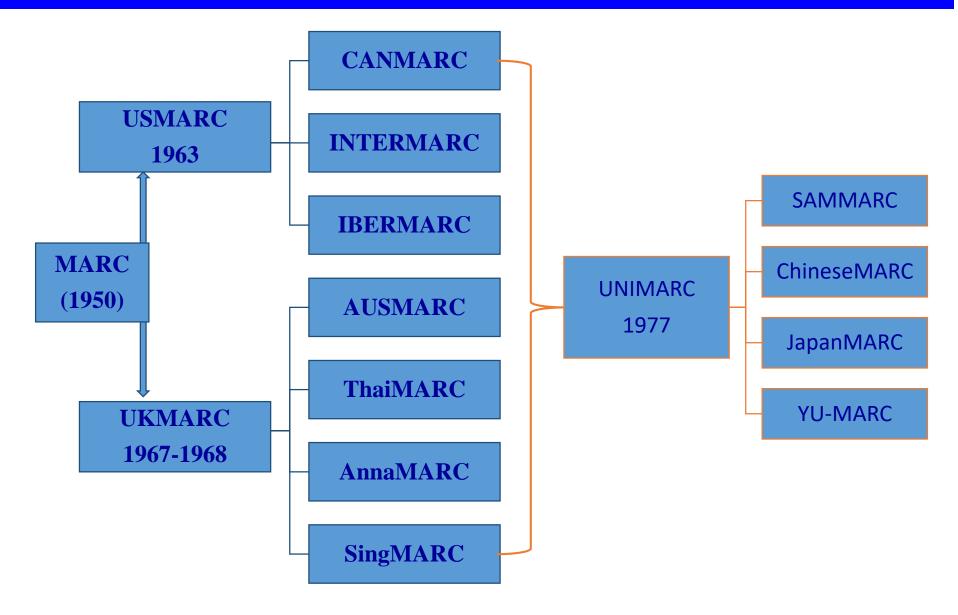
Format $X \rightarrow UNIMARC \rightarrow Format Y$

CCF: Common Communication Format

- Symposium organised by the UNISIST in 1978 on Bibliographic Exchange Formats
- On recommendations of the Symposium
- UNESCO formed the ad-hoc group on the establishment of the CCF.
- Published in 1984, second ed. in 1988.
- Users
 - S&T sector
 - Commonly in India
 - UN agencies

UNISIST – United Nations International Scientific Information System

Summary - History of MARCs



My MARC is the Best?



Towards MARC21

Usage of Various MARCs

UKMARC UNIMARC USMARC

1986	6	10	7
1992	4	20	11

- LC and BL Meet: on 21 June 1994
 - For harmonization and simplification of USMARC and UKMARC
 - Compatibility with ultimate goal to achieve one single MARC
- MARC21
 - In 1999 LC and NLC merged USMARC and CANMARC to MARC21
 - Published MARC21 Format for Bibliographic Data
 - MARC21 Documentation maintained by LC

MARC21

- Formerly called US MARC
- Marketed as international
- Universality of UNIMARC not satisfactory
- National Library of Canada adopted
- British Library abandoned UKMARC
- Uses the ISO 2709 record structure
- Huge number of records available
- Format not proprietary
- Allows variable length and repeatable fields and subfields





Bibliographic Data

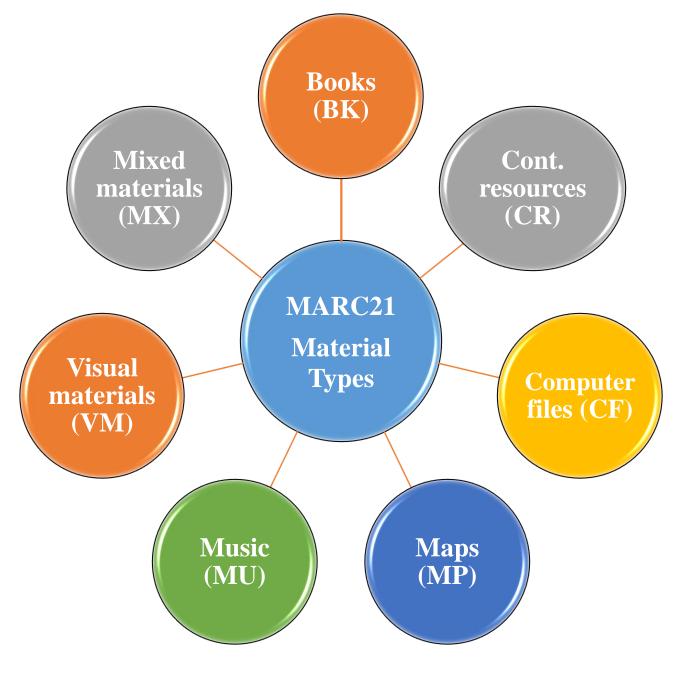
Authority Data

Holdings Data

Classification Data

Community Information

Designed for Informationabout Riblatestaphic serviceseetcand data, etc.



MARC21 Structure

Structure

• Structure of MARC Record is an implementation of International standards like ISO 2709 / ANSI Z39.2

Content Designation

• Fields, subfields, etc. to identify explicitly and characterize further the data elements within a record

Content

• Data elements identified by standards outside the formats. e.g. AACR, LCSH, NLMC

MARC21: Commonly used Tags

Tag	Data Field
010	Library of Congress Control Number (LCCN)
020	International Standard Book Number (ISBN)
100	Personal name main entry (author)
245	Title information
250	Edition
260	Publication information
300	Physical description / collation
490	Series statement
520	Annotation or summary note
650	Topical subject heading
700	Personal name added entry (joint author, editor, or illustrator)

AACR2R Catalogue Card

	Brenne	r , Richard J., 1941-	
PN1234	5	Make the team. Soccer: a heads up guide to sup	er soccer!/Richard J
	Brenner	1st ed Boston: Little, Brown, c1990.	
		127 p. : ill. ; 19 cm.	
		"A Sports illustrated for kids book."	
		Summary: Instructions for improving soccer skil	ls. Discusses
	dribblin	g, heading, playmaking, defense, conditioning, mo	ental attitude, how to
	handle j	problems with coaches, parents, and other players,	and the history of
	soccer.		
		ISBN 0316107514 : \$12.95	
		1. Soccer Juvenile literature. 2. Soccer. II. Title	e: Heads up guide to
	super so	ccer. II. Title.	i U
	Dewey	Class no.: 796.334/2 dc 20	89-48230
	<u>, </u>		MARC
		Nanaji Shewale - MARC21	

29-May-21

Areas of AACR2R Catalogue

	Brenne	r , Richard J., 1941-	
PN1234	45	Make the team. Soccer: a heads up guide to super soccer!/Richard	J
	Brenner	1st ed Boston : Little, Brown, c1990.	
		127 p.: ill.; 19 cm.	
		"A Sports illustrated for kids book."	
		Summary: Instructions for improving soccer skills. Discusses	
	dribblin	g, heading, playmaking, defense, conditioning, mental attitude, how	to
	handle p	problems with coaches, parents, and other players, and the history of	f
	soccer.		
		ISBN 0316107514 : \$12.95	
		1. Soccer Juvenile literature. 2. Soccer. I. Title: Heads up guide t	O
	super so	ccer. II. Title.	
	Dewey	Class no.: 796.334/2 dc 20 89-48230	
		MARC	

29-May-21

		1XX 250	245
	Brenne	Richard J., 1941-	245
PN1234	45	Make the team. Soccer: a heads up guide to super so	occer!/Richard J
	Brenner	1st ed Boston : Little, Brown, c1990. 260	
	127 p. :	Ill.; 19 cm. 3XX	
	12/ 81	"A Sports illustrated for kids book."	5XX
		Summary: Instructions for improving soccer skills. I	Discusses
	dribblin	g, heading, playmaking, defense, conditioning, menta	l attitude, how to
	handle p	roblems with coaches, parents, and other players, and	d the history of
	soccer.	$\bigcirc 0XX$	
		ISBN 0316107514 : \$12.95	
		1. Soccer Juvenile literature. 2. Soccer. I. Title: He	eads up guide to
	super so	ecer. II. Title.	
	Dewey (Class no.: 796.334/2 dc 20	89-48230
	·		MARC

29-May-21

Mnemonic Catalogue Record

TITLE: Make the team. Soccer: a heads up guide to super soccer! / Richard J. Brenner.

ADDED TITLE: Heads up guide to super soccer

AUTHOR: Brenner, Richard J., 1941-

PUBLISHED: 1st ed. Boston: Little, Brown, c1990.

MATERIAL: 127 p. : ill. ; 19 cm.

NOTE: "A Sports illustrated for kids book."

NOTE: Instructions for improving soccer skills. Discusses dribbling, heading, playmaking, defense, conditioning, mental attitude, how to handle problems with coaches, parents, and other players, and the history of soccer.

SUBJECT: Soccer--Juvenile literature. Soccer.

Copies Available: PN12345

MARC21 Record: An Example

Leader 01041cam 2200265 a 4500

Control No. 001 ###89048230

Fixed Data 008 891101s1990 maua j 001 0 eng

LCCN 010 ## \$a ###89048230

ISBN 020 ## \$a 0316107514 : \$c \$12.95

ISBN 020 ## \$a 0316107506(pbk.):\$c \$5.95

(\$6.95Can.)

Cat. Source 040 ## \$a DLC \$c DLC \$d DLC

LC Call No. 050 00 \$a GV943.25 **\$b** .B74 1990

Dewey No. 082 00 \$a 796.334/2 **\$2** 20

MARC21 Record: An Example

ME:Pers Name 100 1# \$a Brenner, Richard J., \$d 1941-

Title 245 10 \$a Make the team. \$p Soccer: \$b a heads

up guide to super soccer! / \$c Richard J. Brenner.

Variant Title 246 30 \$a Heads up guide to super soccer

Edition 250 ## \$a 1st ed.

Publication 260 ## \$a Boston : \$b Little, Brown, \$c c1990.

Phys Desc 300 ## \$a 127 p. : \$b ill. ; \$c 19 cm.

Note: General 500 ## \$a "A Sports illustrated for kids book".

Note: Summary 520 ## \$a Instructions for improving soccer skills. Discusses dribbling, heading, playmaking, defense, conditioning, mental attitude, how to handle problems with coaches, parents, and other players, and the history of soccer.

Subj: Topical 650 #0 \$a Soccer \$v Juvenile literature.

Subj: Topical 650 #1 \$a Soccer.

AACR2 Catalogue Record: An Example

	Brenne	r , Richard J., 1941-
PN1234	5	Make the team. Soccer: a heads up guide to super soccer!/Richard J
	Brenner	1st ed Boston: Little, Brown, c1990.
		127 p. : ill. ; 19 cm.
		"A Sports illustrated for kids book."
		Summary: Instructions for improving soccer skills. Discusses
		g, heading, playmaking, defense, conditioning, mental attitude, how to
	handle problems with coaches, parents, and other players, and the history	
	soccer.	
		ISBN 0316107514 : \$12.95
		1. Soccer Juvenile literature. 2. Soccer. II. Title: Heads up guide to
	super so	ccer. II. Title.
	Dewey	Class no.: 796.334/2 dc 20 89-48230
		MARC
) 1		Nancii Shawala MARC21

29-May-21

ISO 2709 Record: An Example

01041cam 2200265 a **4500001**002000000**003**000400020**00 5**001700024**008**004100041**010**002400082**020**002500106**020**0 04400131**040**001800175**050**002400193**082**001800217**100**003 200235**245**008700267**246**003600354**250**001200390**260**00370 0402**300**002900439**500**004200468**520**022000510**650**0033007 30650001200763^###89048230#/AC/r91^DLC^19911106082 810.9⁸91101s1990####maua###j######000#0#eng##[#] a###89048230#/AC/r91^##\$a0316107514 :\$c\$12.95^##\$a 0316107506 (pbk.) :\$c\$5.95 (\$6.95 Can.)^##\$aDLC\$cD LC\$dDLC^00\$aGV943.25\$b.B74 1990^00\$a796.334/2\$220^ 10\$aBrenner, Richard J.,\$d1941-^10\$aMake the team. \$pSoccer: \$ba heads up quide to super soccer! /\$cR ichard J. Brenner. ^30\$aHeads up quide to super soc cer.^##\$a1st ed.^##\$aBoston :\$bLittle, Brown,\$cc19 90.^##\$a127 p. :\$bill. ;\$c19 cm.^##\$a"A Sports ill ustrated for kids book."^##\$aInstructions for impr oving soccer skills. Discusses dribbling, heading, playmaking, defense, conditioning, mental attitud e, how to handle problems with coaches, parents, a nd other players, and the history of soccer.^#0\$aS occer\$vJuvenile literature.^#1\$aSoccer.^\

Leader

Directory

Content

MARC21 Record Structure

Leader

- Contains coded values and are identified by relative character position
- Define the parameters for processing the record.
- Leader is a fixed in length, 24 Characters, and
- Occurs at the beginning of each MARC record.

Directory

- Contains the tag, starting location and length of each field within record.
- Length of directory entry is defined in the entry map of Leader/20-23
- In MARC21, length of a directory entry is 12 characters
- It ends with a field terminator character.

Variable Fields

- Data content of a record is divided into variable fields.
- Variable Control Fields Coded Fields 007 & 008
- Variable Data Fields

MARC21 Terminologies

Field:	Each bibliographic record divided into Fields which are subdivided into subfields.
	E.g. Author, Title, Edition, etc.
	Most fields contain several related pieces of data.
Subfield:	Each type of data within the field is called subfield.
	E.g. Author Last Name, First Name, Date, etc
	Each Field is represented with a 3 digit number called a "tag"
Toge	It identifies the field and the kind kind of data that follows.
Tag:	Tag can be Alphabetic or Numeric - Z39.2, MARC21 uses only Numeric Tags
	Stored in the Directory and not in the field itself
Indicator:	Two character positions following the tag.
	One or both the positions are used. Undefined indicators are blank, i.e. #
Subfield Code:	One lowercase letter preceded by delimiter, indicates the type of data that
	follows it.
Delimiter:	A Character used to separate subfields. It can be @, \$, _ or ^ as in WINISIS.

MARC21: Blocks and Divisions

Code	Area
0XX	Control information, numbers, codes
1XX	Main entries
2XX	Titles, edition, imprint
3XX	Physical description, etc.
4XX	Series statements
5XX	Notes
6XX	Subject added entries
7XX	Added entries other than subject or series
8XX	Series added entries (other authoritative forms)
9XX	Used for locally-defined uses

MARC21: 0XX

Control Information, Numbers, Codes

- 001 Control Number
- 003 Control Number Identifier
- 005 Date and Time of Latest Transaction
- 006 Fixed-Length Data Elements Additional Material Characteristics
- 007 Physical Description Fixed Field
- 008 Fixed-Length Data Elements
- 010 Library Of Congress Control Number (NR)
- 015 National Bibliography Number (R)
- **020** International Standard Book Number (R)
- **022** International Standard Serial Number (R)
- 024 Other Standard Identifier (R)
- 040 Cataloging Source (NR)
- **082** Dewey Decimal Classification Number (R)
- 084 Other Classification Number (R)

MARC21: 1XX Main Entry Fields

100 - Main Entry--Personal Name (NR)

100 1#\$aAdams, Henry,\$d1838-1918.

110 - Main Entry--Corporate Name (NR)

110 1#\$aUnited States.\$bCourt of Appeals (2nd Circuit)

111 - Main Entry--Meeting Name (NR)

111 2#\$aParis Peace Conference\$d(1919-1920)

130 - Main Entry--Uniform Title (NR)

130 0#\$aBible.\$lEnglish.\$sAuthorized.\$kSelections.\$f1970.

MARC21: 20X – 24X Title and Related information Block

- 210 Abbreviated Title (R)
- 222 Key Title (R)
- 240 Uniform Title (NR)
- 242 Translation Of Title By Cataloging Agency (R)
- 243 Collective Uniform Title (NR)
- 245 Title Statement (NR)
- 246 Varying Form Of Title (R)
- 247 Former Title (R)

245: MARC21 Sub-Fileds and Indicators

245 - TITLE STATEMENT (NR)

Indicators

First - Title added entry

0 - No added entry

1 - Added entry

Second - Nonfiling characters

0-9 - Number of nonfiling characters

Subfield Codes

\$a - Title (NR)

\$c - Statement of responsibility, etc. (NR)

\$g - Bulk dates (NR)

\$k - Form (R)

\$n - Number of part/section of a work (R)

\$p - Name of part/section of a work (R)

\$b - Remainder of title (NR)

\$f - Inclusive dates (NR)

\$h - Medium (NR)

\$s - Version (NR)

MARC21: Tags, Sub-Fields and Indicators

- 245 03 \$a Le Bureau\$h[filmstrip] =\$bLa Oficina = Das Büro.
- 245 00 \$a Hamlet ;\$bRomeo and Juliette ; Othello...
- 245 00 \$a Oklahoma\$h[sound recording];\$bCarousel; South Pacific...
- 245 00 \$a Map of Nelson, Richmond, Motueka: \$bscale 1:20000.
- 245 15 \$a The "winter mind" : \$bWilliam Bonk and American letters /\$cBurt Kimmelman.
- 245 00 \$a Love from Joy: \$bletters from a farmer's wife. \$nPart III, \$p1987-1995, At the bungalow.

MARC21: 25X – 28X Edition, Imprint, Etc. Fields

250 -**Edition Statement (NR)** 254 -Musical Presentation Statement (NR) 255 -Cartographic Mathematical Data (R) Computer File Characteristics (NR) 256 -Country Of Producing Entity For Archival Films (NR)\ 257 -258 -Philatelic Issue Data (R) 260 -**Publication, Distribution, Etc. (Imprint) (R)** Projected Publication Date (NR) 263 -Production, Publication, Distribution, Manufacture, and 264 -Copyright Notice (R) 270 -Address (R)

MARC21: 3XX Physical Description, Etc.

300 - Physical Description (R)

- 306 Playing Time (NR)
- 307 Hours, etc. (R)
- 310 Current Publication Frequency (NR)
- 321 Former Publication Frequency (R)
- 336 Content Type (R)
- 337 Media Type (R)
- 338 Carrier Type (R)
- 340 Physical Medium (R)
- 342 Geospatial Reference Data (R)
- 343 Planar Coordinate Data (R)
- 344 Sound Characteristics (R)
- 345 Projection Characteristics of Moving Image (R)
- 346 Video Characteristics (R)
- 347 Digital File Characteristics (R)
- 348 Format of Notated Music (R)
- 351 Organization and Arrangement of Materials (R)
- 352 Digital Graphic Representation (R)

- 355 Security Classification Control (R)
- 357 Originator Dissemination Control (NR)

362 - Dates of Publication and/or Sequential Designation (R)

- 363 Normalized Date and Sequential Designation (R)
- 365 Trade Price (R)
- 366 Trade Availability Information (R)
- 370 Associated Place (R)
- 377 Associated Language (R)
- 380 Form of Work (R)
- 381 Other Distinguishing Characteristics of Work or Expression (R)
- 382 Medium of Performance (R)
- 383 Numeric Designation of Musical Work (R)
- 384 Key (NR)
- 385 Audience Characteristics (R)
- 386 Creator/Contributor Characteristics (R)
- 388 Time Period of Creation (R)

MARC21: 490 / 8XX Series Statement / Series Added Entries

490 - Series Statement (R)

- 800 Series Added Entry Personal Name (R)
- 810 Series Added Entry Corporate Name (R)
- 811 Series Added Entry Meeting Name (R)
- 830 Series Added Entry Uniform Title (R)

MARC21: 5XX

500 -	General Note (R)
501 -	With Note (R)
502 -	Dissertation Note (R)
504 -	Bibliography, Etc. Note (R)
505 -	Formatted Contents Note (R)
506 -	Restrictions On Access Note (R)
510 -	Citation/references Note (R)
520 -	Summary, Etc. (R)
521 -	Target Audience Note (R)
525 -	Supplement Note (R)
538 -	System Details Note (R)
546 -	Language Note (R)
567 -	Methodology Note (R)
580 -	Linking Entry Complexity Note (R)
59x -	Local Notes

MARC21:6XX Subject Access Entries

- 600 Subject Added Entry Personal Name (R)
- 610 Subject Added Entry Corporate Name (R)
- 611 Subject Added Entry Meeting Name (R)
- 630 Subject Added Entry Uniform Title (R)
- 650 Subject Added Entry Topical Term (R)
- 647 Subject Added Entry Named Event (R)
- 648 Subject Added Entry Chronological Term (R)
- 651 Subject Added Entry Geographic Name (R)
- 653 Index Term Uncontrolled (R)
- 654 Subject Added Entry Faceted Topical Terms (R)
- 655 Index Term Genre/Form (R)
- 656 Index Term Occupation (R)
- 657 Index Term Function (R)
- 658 Index Term Curriculum Objective (R)
- 662 Subject Added Entry Hierarchical Place Name (R)
- 69X Local Subject Access Fields (R)

MARC21: 70X – 75X Added Entry Fields

- **700 Added Entry Personal Name (R)**
- 710 Added Entry Corporate Name (R)
- 711 Added Entry Meeting Name (R)
- 720 Added Entry Uncontrolled Name (R)
- 730 Added Entry Uniform Title (R)
- 740 Added Entry Uncontrolled Related/Analytical Title (R)
- 751 Added Entry Geographic Name (R)
- 752 Added Entry Hierarchical Place Name (R)
- 753 System Details Access to Computer Files (R)
- 754 Added Entry Taxonomic Identification (R)
- 758 Resource Identifier (R)

MARC21: 841 – 88X Holdings, Alternate Graphics, Etc

- 850 Holding Institution
- 852 Location (R)

852 ##\$aNational Archives and Records Service\$bGenealogical

Research Recording

856 - Electronic Location and Access (R)

856 4# http://dspace.gipe.ac.in/xmlui/handle/10973/49054

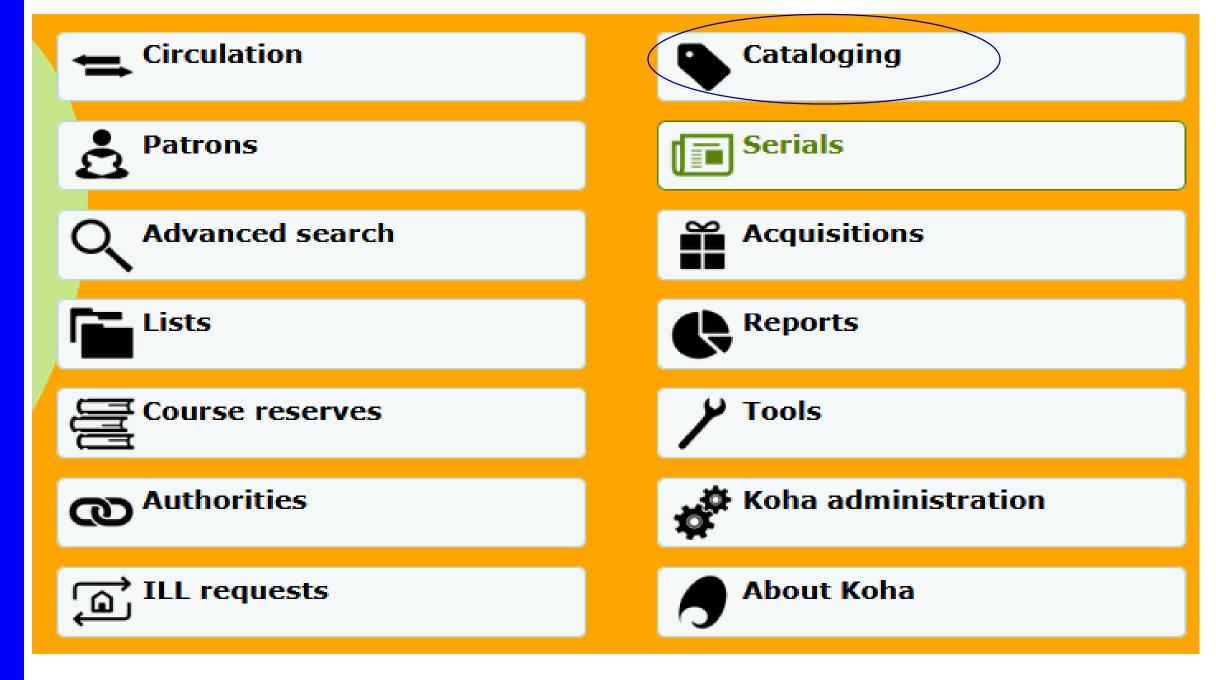
856 4# https://www.loc.gov/marc/umb/

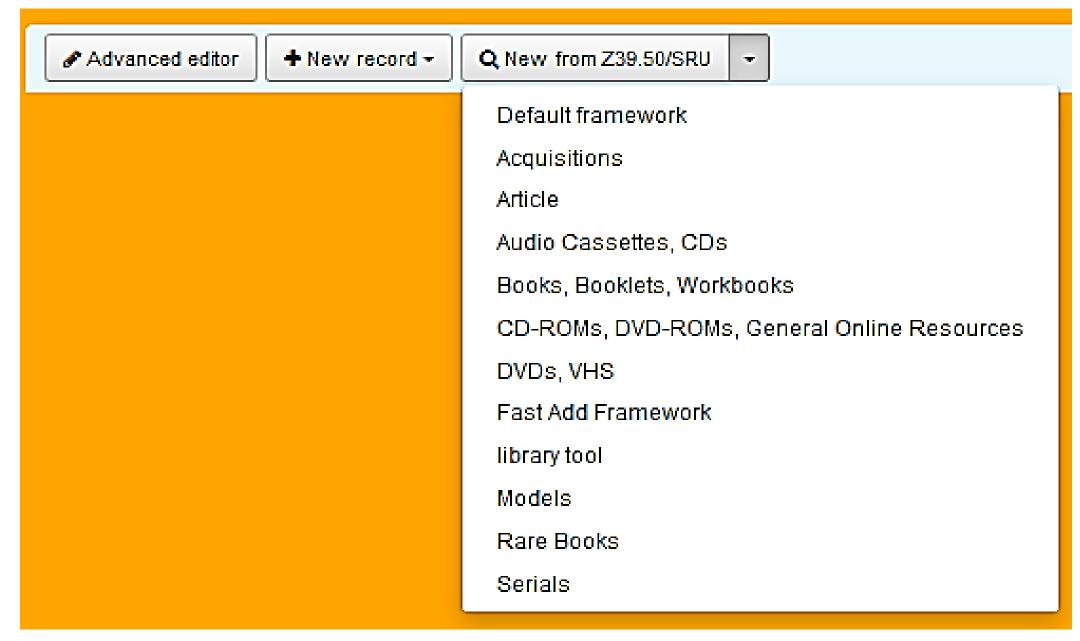
MARC21: 942 Local Information

942	?[- ADDED ENTRY	ELEMENTS (KOHA) □	
Δ	2	Source of classification or shelving scheme	Dewey Decimal Classification x	•
Δ	С	Koha [default] item type *	Book	•
Δ	е	Edition		•
Δ	h	Classification part		
Δ	i	Item part		
Δ	k	Call number prefix		
Δ	m	Call number suffix		
Δ	n	Suppress in OPAC		

0 - Withdrawn status
1 - Lost status
2 - Source of classification
3 - Materials (bound or other part)
4 - Damaged status
5 - Use restrictions
7 - Not for loan
8 - Collection code
a - Permanent location
b - Current location
c - Shelving location
d - Date acquired
e - Source of acquisition

f - Coded location qualifier
g - Cost, normal purchase price
h - Serial Enumeration / chronology
j - Shelving control number
o - Full call number
p - Barcode
t - Copy number
u - Uniform Resource Identifier
v - Cost, replacement price
w - Price effective from
x - Non-public note
y - Koha item type
z - Public note





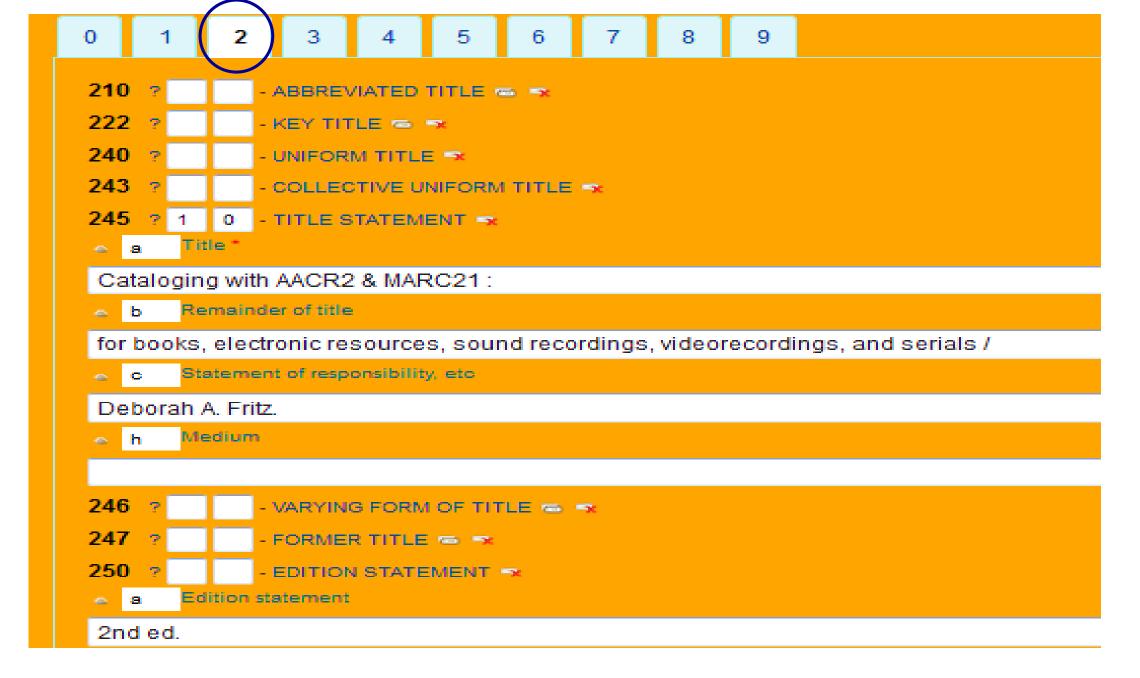
Z39.50/SRU search

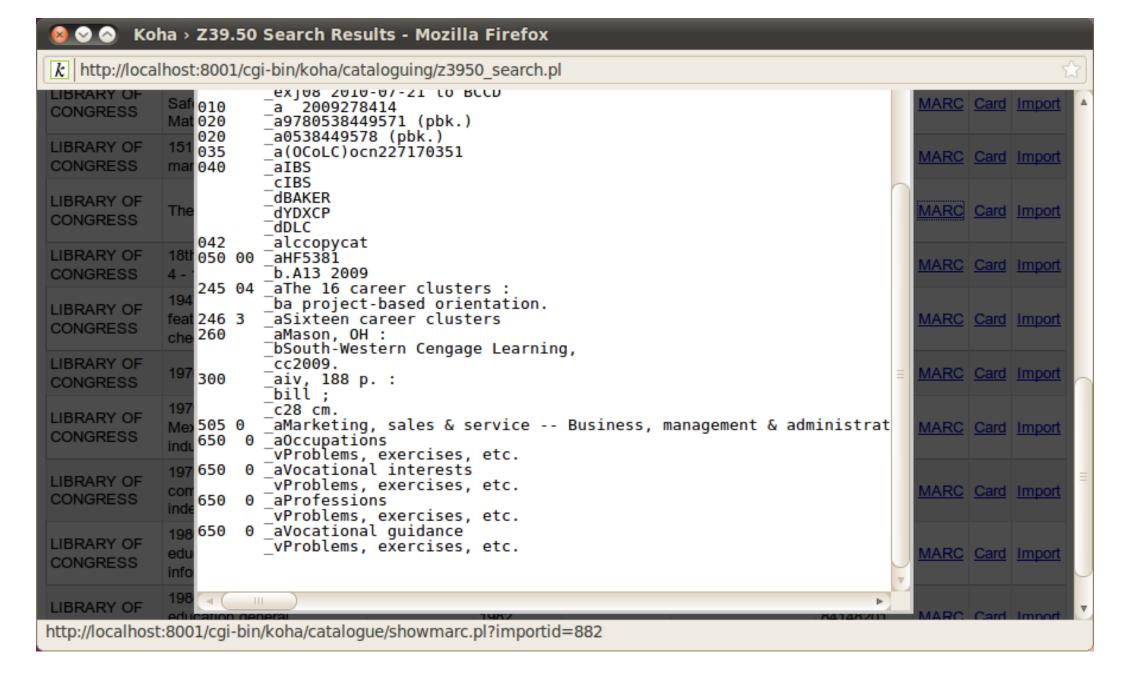
ISBN:	
ISSN:	
Title:	MARC21
Author:	
Subject heading:	
Keyword (any):	
LC call number:	
Control no.:	
Dewey:	
Standard ID:	
Clear search form	

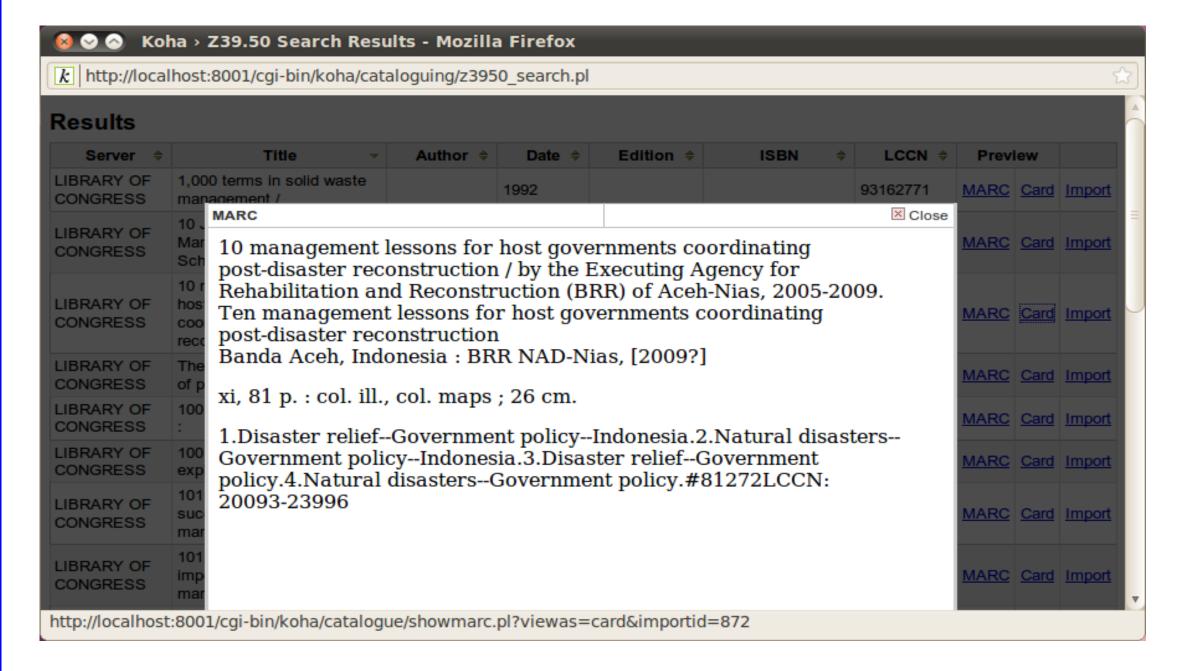
Search targets

- ✓ Select all | ★ Clear all
- ✓ LIBRARY OF CONGRESS
- MAINE INFONET
- METROPOLITAN MUSEUM OF ART
- MILWAUKEE PUBLIC LIBRARY
- NEW YORK UNIVERSITY LIBRARIES
- NHUPAC
- NJ INSTITUTE OF TECHNOLOGY
- OHIOLINK
- OREGON STATE UNIVERSITY
- PUBCAT
- ✓ SEATTLE PUBLIC LIBRARY
- SOCIAL LAW LIBRARY
- TEXAS A AND M

C A	Title -	4 - 45 A	D-4- 0	Edition A	ICDN	LCCN	4 -4:
Server +	Title -	Author ♦	Date +	Edition \$	ISBN	LCCN	Actions
LIBRARY OF CONGRESS	Access to East European and Eurasian culture :		2007		9780789033956 (alkpaper) 078903395X (alkpaper) 9780789033963 (pbk:alkpaper) 0789033968 (pbk:alkpaper)	2007026939	Actions •
LIBRARY OF CONGRESS	Cataloging and managing film and video collections :	Higgins, Colin,			9780838912997 (paper)	2014040988	Actions ▼
LIBRARY OF CONGRESS	Cataloging with AACR2 & MARC21:	Fritz, Deborah A.	2004	2nd ed.	0838908845	2004006535	Actions ▼
LIBRARY OF CONGRESS	MARC21		2000			● MARC preview ● Card preview Import	

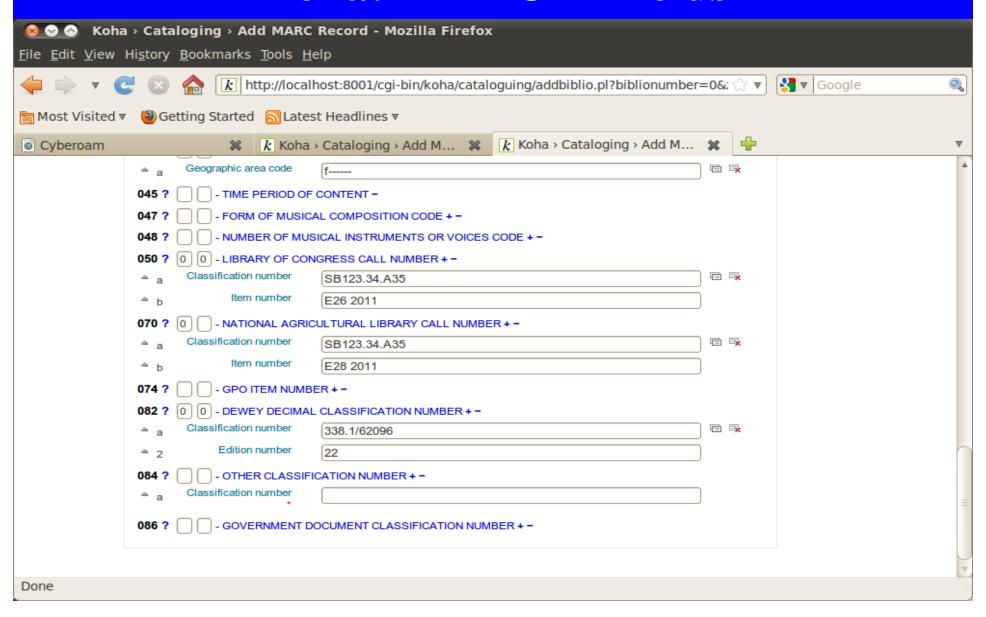




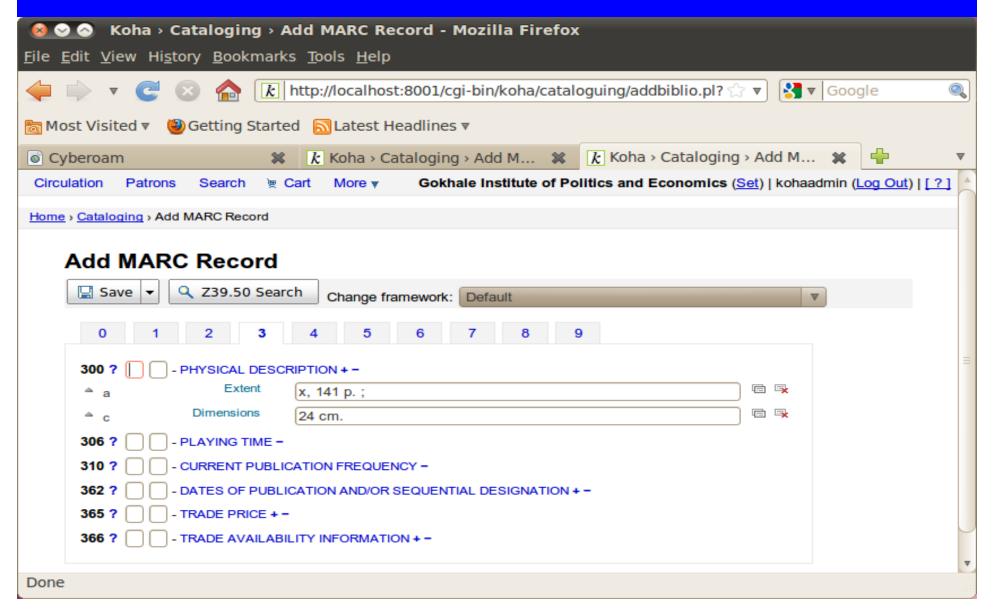


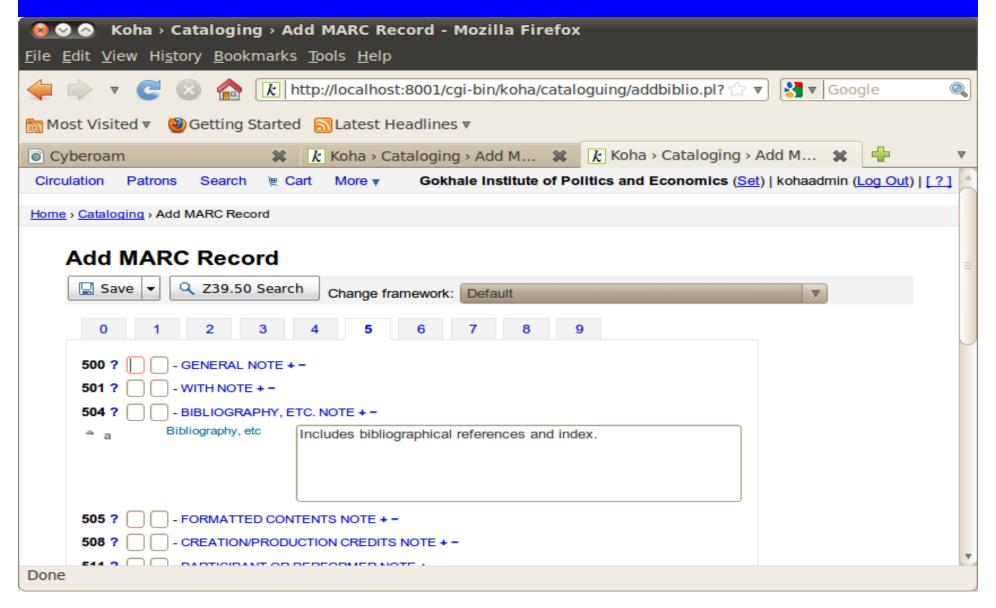
	· Cataloging · Add MARC Record - Mozilla Firefox i <u>s</u> tory <u>B</u> ookmarks <u>T</u> ools <u>H</u> elp	
← → ▼ ←		
Most Visited ▼		
© Cyberoam	Koha > Cataloging > Add M Koha > Cataloging > Add M	♥
	0 1 2 3 4 5 6 7 8 9	^
	000 ? - LEADER -	
	01180cam a22002774a 4500	
	001 ? - CONTROL NUMBER -	
	16081272	
	005 ? - DATE AND TIME OF LATEST TRANSACTION -	
	006 ? - FIXED-LENGTH DATA ELEMENTSADDITIONAL MATERIAL CHARACTERISTICSGENERAL INFORMATION + -	
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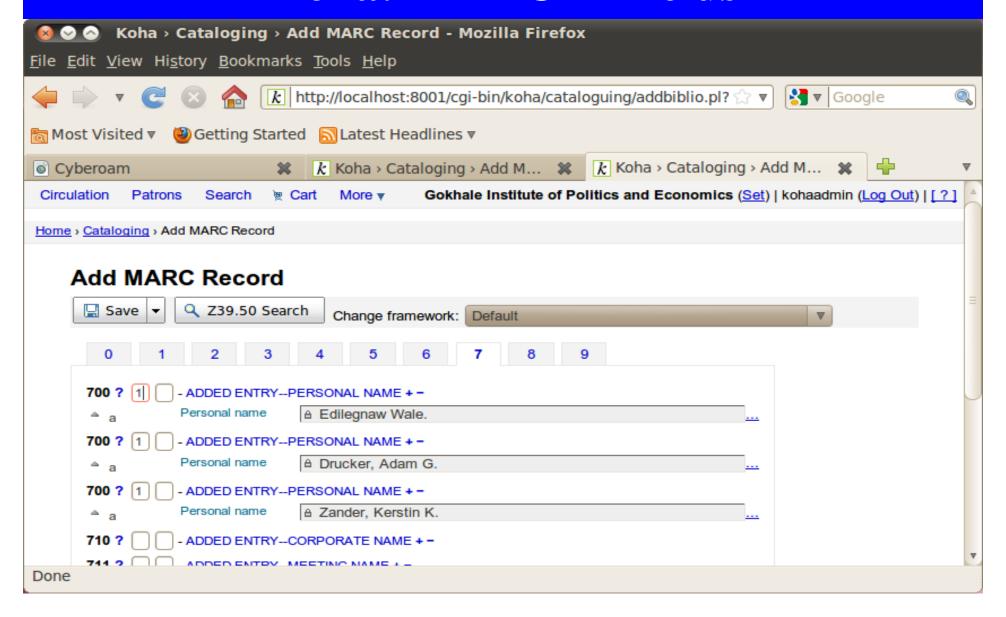


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	case studies from the Genetic Resources Policy Initiative /	
Statement of responsibility, etc	edited by Edilegnaw Wale, Adam G. Drucker and Kerstin K. Zander	
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246 ? - VARYING FORM	OF TITLE + -	
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250 ? - EDITION STATEM	IENT -	
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260 ? - PUBLICATION, DI	STRIBUTION, ETC. (IMPRINT) + -	
 Place of publication, distribution, etc 	London ;	□
	Washington, DC :	□
b Name of publisher, distributor, etc	Earthscan,	•
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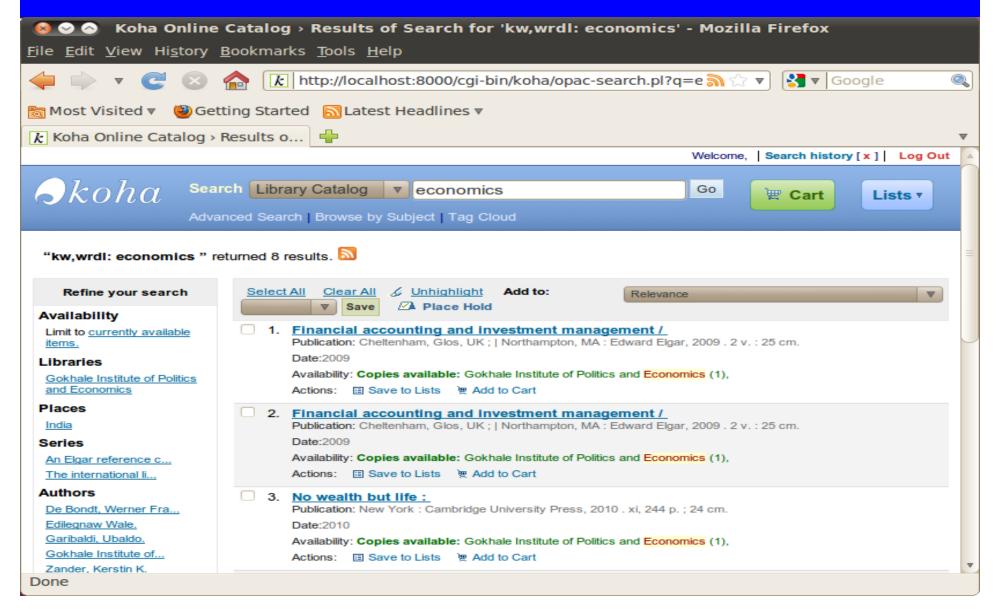




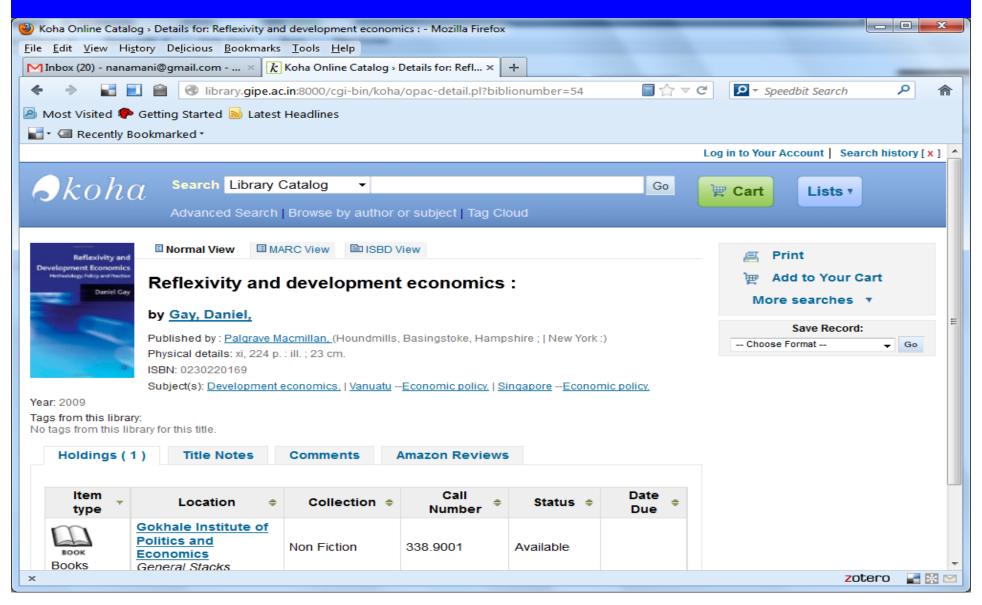
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General subdivision	Economic aspects
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650 ? 0 - SUBJECT ADDED	ENTRYTOPICAL TERM + -
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General subdivision	Economic aspects
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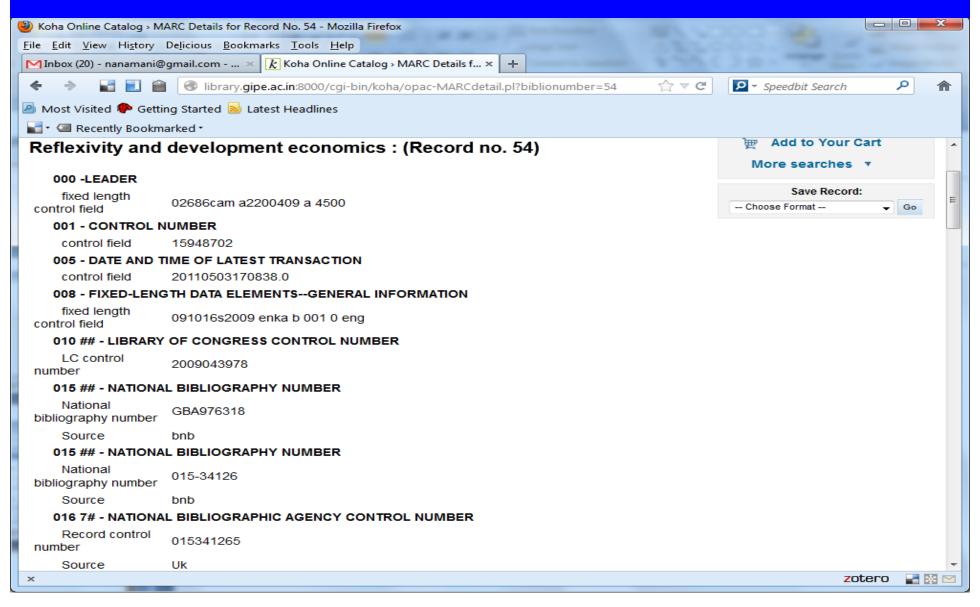
Koha: OPAC Search Results



Koha: OPAC – Normal View



Koha: OPAC – MARC View



MARC21: Reading List

1. The Internationalization of MARC

Part I The emergence and divergence of MARC. Library Review 44(4) 1995

Part II Some Marc formats based on USMARC. Library Review 44(6) 1995

Part III Some MARC formats based on UKMARC : Library Review 44(6) 1995

Part IVUNIMARC: some formats based on it and some other MARC formats. Library Review 44(7) 1995

- 2. Understanding MARC Bibliographic: Machine Readable Cataloguing
- http://lcweb.loc.gov/marc/umb/umbhome.html

 3. MARC21 Concise format for Bibliographic Data: 2001 Concise Edition
 - http://lcweb.loc.gov/marc/bibliographic/ecbdhome.html
- 4. Bibliographic Formats and Standards / OCLC. 3rd edition

http://www.oclc.org/bibformats/

