Understanding MARC 21 Bibliographic Records

Session 1
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Agenda

- Handouts
- What is MARC/History of MARC
- Automated systems
- Parts of a MARC record
  - Content Designation
    - Variable fields
    - Fixed fields or Variable control fields

Commonly Used MARC Tags with Commonly Used Indicators and Subfields

Resources for MARC Information

Online sources for information on MARC tagging (accessible to users):
- MARC standards: http://www.loc.gov/marc
- MARC 21 Conformant Format for Bibliographic Data: http://www.loc.gov/marc/biblio/
- MARC 21 Conformant Format for Holdings Data: http://www.loc.gov/marc/holdings/
- MARC 21 Conformant Format for Classification Data: http://www.loc.gov/marc/class/
- MARC 21 Conformant Format for Authority Data: http://www.loc.gov/marc/authority/
- MARC 21 Conformant Format for Community Information: http://www.loc.gov/marc/community/
- MARC 21 Conformant Format for Corporate Information: http://www.loc.gov/marc/corporate/
- MARC 21 Conformant Format for Conference Information: http://www.loc.gov/marc/conference/
- MARC 21 Conformant Format for Meeting Information: http://www.loc.gov/marc/meeting/
- MARC 21 Conformant Format for Jurisdiction Information: http://www.loc.gov/marc/jurisdiction/
- MARC 21 Conformant Format for Program Information: http://www.loc.gov/marc/program/
- MARC 21 Conformant Format for Software Information: http://www.loc.gov/marc/software/
- MARC 21 Conformant Format for Standards Information: http://www.loc.gov/marc/standards/
- MARC 21 Conformant Format for Technical Information: http://www.loc.gov/marc/technical/
- MARC 21 Conformant Format for Work Information: http://www.loc.gov/marc/work/
- MARC 21 Conformant Format for Materials Information: http://www.loc.gov/marc/materials/
- MARC 21 Conformant Format for Serial Information: http://www.loc.gov/marc/serial/
- MARC 21 Conformant Format for System Information: http://www.loc.gov/marc/system/
- MARC 21 Conformant Format for Title Information: http://www.loc.gov/marc/title/
- MARC 21 Conformant Format for Type Information: http://www.loc.gov/marc/type/
- MARC 21 Conformant Format for Web Information: http://www.loc.gov/marc/web/
- MARC 21 Conformant Format for Other Information: http://www.loc.gov/marc/other/
- MARC 21 Conformant Format for Qualification Information: http://www.loc.gov/marc/qualification/
- MARC 21 Conformant Format for Representation Information: http://www.loc.gov/marc/representation/
- MARC 21 Conformant Format for Title Information: http://www.loc.gov/marc/title/
- MARC 21 Conformant Format for Information: http://www.loc.gov/marc/information/
- MARC 21 Conformant Format for Resource Information: http://www.loc.gov/marc/resource/
- MARC 21 Conformant Format for Bibliographic Information: http://www.loc.gov/marc/bibliographic/
- MARC 21 Conformant Format for Resource Description: http://www.loc.gov/marc/resource-description/
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- MARC 21 Conformant Format for Resource Description: http://www.loc.gov/mar...
MARC vs. AACR2

- **M**achine **R**eadable **C**ataloging
  - Communication standard
  - Framework for catalog record

vs.

- Anglo-American Cataloging Rules, 2nd ed., revised
  - Rules for describing items in a catalog record

Communication Standards

- ISO 2709—Bibliographic Information Exchange
  - ISO=International Organization for Standardization
  - http://www.iso.ch

- ANSI Z39.2—Bibliographic Information Interchange
  - ANSI=American National Standards Institute
  - http://www.ansi.org

History of MARC

- Pilot project (1966-1968)
  - Henriette Avram, Library of Congress
  - Used for automation of process to print cards or catalogs (book catalogs, microfiche catalogs, etc.)

- MARC Development Office/MARC Standards Office, MARBI (Machine Readable Form of Bibliographic Information)

- Variants of MARC

- MARC 21—current standard

MARC 21 Formats

- Bibliographic Data
- Authority Data
- Community Information
- Holdings Data
- Classification Data
In this bawdy parody, Ms. Jackson's headless body has been discovered in a men's room of a bar in Lower Manhattan. The police are busy filming reality television shows, so it falls to Braun's writer friend James Qafka and his Siamese cats, Ying-Tong and Poon-Tang, to solve the ghastly mystery.
Types of Records

- a: Language material [Text]
- c: Printed music
- e: Cartographic material
- g: Projected medium
- i: Nonmusical sound recording
- j: Musical sound recording
- m: Computer file
- o: Kit
- p: Mixed materials

Levels

- a: Monographic component part
- b: Serial component part
- c: Collection
- d: Subunit
- i: Integrating resource
- m: Monograph/Item
- s: Serial

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<thead>
<tr>
<th>Workform</th>
<th>Type</th>
<th>Bib. level</th>
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<td>a,t</td>
<td>a,c,d,m</td>
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<tr>
<td>Continuing</td>
<td>a</td>
<td>b,i,s</td>
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<td>resources</td>
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<tr>
<td>Visual materials</td>
<td>g,k,r,o</td>
<td>a,b,c,d,i,m,s</td>
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<tr>
<td>Maps</td>
<td>e</td>
<td>a,b,c,d,i,m,s</td>
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<td>Sound recordings</td>
<td>i</td>
<td>a,b,c,d,i,m,s</td>
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<td>Scores</td>
<td>c</td>
<td>a,b,c,d,i,m,s</td>
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<td>a,b,c,d,i,m,s</td>
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<td>Mixed materials</td>
<td>p</td>
<td>c,d,i</td>
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Parts of a MARC Record

- Record Structure
- Data Content
  - Description
  - Subject headings
  - Classification numbers
  - Main and added entries
- Content Designation
  - Fixed fields
  - Variable fields

Variable Fields

- Contain specific pieces of information identified by:
  - Tags
  - Indicators
  - Delimiters
  - Subfield codes

Tags

- Three-digit numbers
  - Example: 245 = Title and statement of responsibility
  - As in:
    245 10 $a Once upon a town : $b the miracle of the North Platte Canteen / $c Bob Greene.

Indicators

- Digits or blanks that give the computer instructions or information about the data contained in the field
  - Example: in a 245 field, the indicators 10 = Author main entry; no nonfiling characters
  - As in:
    245 10 $a Once upon a town : $b the miracle of the North Platte Canteen / $c Bob Greene.

Delimiters

- Tell the computer where each subfield starts
- Sometimes denoted with $, #, _-, or \#

Subfield codes

- Single letters or digits indicate what type of information is in a subfield
  - Example: in a 245 field, a=title proper; b=remainder of title; c=statement of responsibility
  - As in:
    245 10 $a Once upon a town : $b the miracle of the North Platte Canteen / $c Bob Greene.

In this bawdy parody, Ms. Jackson’s headless body has been discovered in a men’s room of a bar in Lower Manhattan. The police are busy filming reality television shows, so it falls to Braun’s writer friend James Qafka and his Siamese cats, Ying-Tong and Poon-Tang, to solve the ghastly mystery.

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Parallel Content

- X50  Topical terms
- X51  Geographic terms

System-generated Fixed Fields

- 001—control number
- 003—MARC code for organization whose control number is contained in field 001
- 005—date and time of last transaction

Partially System-generated Fixed Fields

- Leader
- 008—Coded general information

Book

040 | 001
048 | 003
048 | 005
048 | 008

Coded general information

Translates to: 008 010807s2001 cau 000 0 eng d

Continuing resources

040 | 001
048 | 003
048 | 005
048 | 008

Translates to: 008 011217c20019999nyuar0 d 0 a0eng d
Translates to: 008 000414p19991998nyn088 vleng d

Form: d=large print

Other Control Fields
- 006—Additional material characteristics
- 007—Physical description fixed field

007 Field
- Different values for different types of material, eg.:
  - Maps
  - Videorecordings
  - Sound recordings
Assignment

Due by 8AM Tuesday, October 11, 2011
Next Session

- Title and edition fields