

Focus on MARC 21 Holdings

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Outline

- ❖ **MARC 21 Holdings format development**
- ❖ **Intended uses**
- ❖ **Format composition**
- ❖ **Features**
- ❖ **Interfaces**
- ❖ **Questions**

Vocabulary

❖ Enumeration

- **Numbering** (or letters) that sequence published items, e.g., 1-10

❖ Chronology

- **Dates** (years, months, days, seasons, etc.) that tell when an issue is published, e.g., 1990-2000

❖ Enumeration *caption*

- **Words** (or abbreviations) such as “volume” or “Teil” that describe the level of a numbering sequence

❖ Chronology *caption*

- **Words** such as “year” or “month” that describe the type of date

❖ Summary holdings

- Holdings stated at the highest level of enumeration, e.g., v.1-2

❖ Detailed holdings

- Holdings stated at the most specific level of enumeration, e.g., v.1, no.1-4, v.2, no.3-4

Development

- ❖ **First edition of MARC 21 Format for Holdings Data was 1984**
- ❖ **Collaboration of several universities and agencies that maintained union catalogs**
- ❖ **New NISO standards served as the first “rule book” that defined content of a holdings statement**
- ❖ **Simultaneous studies of existing or planned local holdings systems**
- ❖ **Development debate: local vs. shared**

Data dictionary

❖ Influences for the data dictionary

- **Z39.42:1980 Serial Holdings Statements at the summary Level**
- **IFLA UBC Occasional Paper – Serial holdings statements at the summary level (1985)**
- **Z39.44: 1986 – Serial Holdings Statements at the summary and detailed levels**
- **Z39.57: 1989 – Non-serial holdings statements at the summary and detailed level**

Current display standards

❖ Current national and international standards

- **ISO 10324: 1997 – Holdings statements**
 - For serials and summary level only
- **ANSI/NISO Z39.71:1999 – Holdings statements for bibliographic items**
 - For serials and monographs, summary and detailed
- **Both same for serials at summary level**

Format enhancement milestones

- ❖ **MARC 21 format for Holdings and Location Data (1984)**
 - **1987 – Preservation information**
 - **1989 – Non-serial holdings data elements**
 - **1992 – Item level information**
 - **1993 – Electronic holdings**
 - **1995+ Refinement of publication pattern data and coordination with ONIX/serials messaging**

Uses

- ❖ **Serial inventory control**
- ❖ **Union catalog contributions**
- ❖ **Interlibrary loan / circulation**
- ❖ **Cooperative acquisitions / collection development**
- ❖ **Preservation cooperatives**

Format model

- ❖ **General holdings information (008)**
- ❖ **Links to bibliographic entities (0XX)**
- ❖ **Location fields:**
 - Field 852 (Location)
 - Field 856 (Electronic Location and Access)
- ❖ **Holdings fields:**
 - Fields 853-855 (Captions and Patterns)
 - Fields 863-865 (Enumeration and Chronology)
 - Fields 866-868 (Textual Holdings)
- ❖ **Item information (87X)**
- ❖ **Notes (5XX, 8XX)**

Format components

❖ General holdings information

- Leader (level of holdings)
- 008 coded data (method of acquisition, retention policy, completeness, lending policy, reproduction policy)

❖ Links to bibliographic entities through record numbers and standard identifiers

- Field 014 (Linkage Number)
- Field 020 (ISBN)
- Field 022 (ISSN)
- etc.

Format components

❖ Locations

▪ Field 852 (Locations)

- 852 - Location, sublocation (name, code, address)
- 852 - Shelving (classification number, shelving designation, piece designation, shelving title, call number)
- 852 - Piece designation (bar code, accession number)
- 856 - Electronic holdings location (URI)

❖ Examples of Field 852 data:

- [852] \$a Harvard \$b Science library \$h PX7.D684 \$i A1 1979
- [852] \$a Library of Congress \$b Microform RR \$j Microfilm 82.528
MicRR
- [856] \$u <http://harvard.harvard.edu> \$k guest

Format components

- ❖ ***Caption* and pattern fields – Fields 853-855**
 - **Basic, Supplementary material, Index**
 - **Enumeration *captions* to 6 levels**
 - v., sect., no., pt., ...
 - **Chronology *captions* to 6 levels**
 - (year), (month), (week), (day), ...
 - **Publication pattern**
 - Enough detail to support prediction for check-in and claiming
 - **Actionable**

Format components

- ❖ **Enumeration and chronology (numbering and dates) – Fields 863-865**
 - **Basic, Supplementary material, Index**
 - **Numbering values to 6 levels**
 - Data in field: \$a1 \$b1 \$c3 \$d2
 - Match with captions in 853 (\$av. \$bsect. \$cno. \$dpt.
 - Display ; v.1, sect.1, no.3, pt.2
 - **Date values to 6 levels**
 - Data in field: \$i1980 \$j01 \$k16
 - According to captions in 853 \$i(year) \$j(month) \$k(day): \$i1980 \$jJanuary \$k16
 - **Break indicator, copy number, notes**
 - **Actionable**

Publication patterns

- ❖ **A key feature for the MARC 21 Holdings format – Publication patterns**
 - Provide the engine for prediction, making check-in faster and simpler
 - Provide “smart” automatic claiming
 - subfield u – Bibliographic units per next higher
 - subfield v – Numbering continuity (continuous, restarts)
 - subfield w – Frequency
 - subfield o – Regularity pattern
- ❖ **Can be developed and maintained collaboratively**
- ❖ **Example: \$w m \$x 09 \$y om07,08**
 - *monthly issues each year beginning with no. 1 in September; no numbers published in July or August*

Example of 853 with 863

- ❖ **853 10 \$81 \$av. \$bno. \$u12 \$vr \$i(year)
\$j(month) \$wm \$x01**
- ❖ **863 40 \$81.1 \$a3-22 \$i1963-1982**
- ❖ **863 40 \$81.2 \$a23 \$b1-9 \$i1983 \$j01-09**

- ❖ **User display**
 - (detailed) v.3-22 (1963-1982) v.23, no.1-9
(1983, Jan-Sept)
 - (summary) v.3- (1963-

Format components

❖ Textual Holdings – Fields 866-868

- Basic, Supplementary material, Index
- Primary use: Summary of holdings prior to automated system installation
- Textual holdings statement
- *Not actionable*

❖ Example

- [866] 40 \$a v.3-22 (1963-1982), v.23, no.1-9 (1983, Jan-Sept)

Format components

❖ Item information – Fields 876-878

- Basic, Supplementary material, Index
- Optional information for
 - Acquisition or circulation applications
 - System migration needs
 - Linking item information specific to a particular part
- Item numbers, acquisition information (cost, date, source), circulation information

❖ Example

- [876] ## \$81.5 \$aAAA1000-1-4 \$iReserve Room
\$pA1481283808

Format components

- ❖ **Notes – Fields 5XX, 841-845**
 - **Acquisition sources (541)**
 - **Binding information (563)**
 - **Preservation actions (583)**
 - **Terms for use (506, 845)**
 - **Custodial history (561)**
 - **Reproduction note (843)**
 - **Etc.**

Scope

- ❖ **Scope – all forms of resources, including electronic**
 - **Serials, maps, sound recordings, music, electronic journals, etc.**
- ❖ **Serial, integrating, and non-serial**
 - **Journals, magazines, newspapers, etc.**
 - **Books, multivolume monographs, looseleafs, etc.**

Data levels

- ❖ **5 levels of holdings information**
 - **Level 1 – Holding institution only**
 - Location: DLC
 - **Level 2 – Holding institution and general holdings policy for resource**
 - Location: DLC
 - Holdings: codes indicate “currently received”, “permanently retained”, and “incomplete run”

Data levels

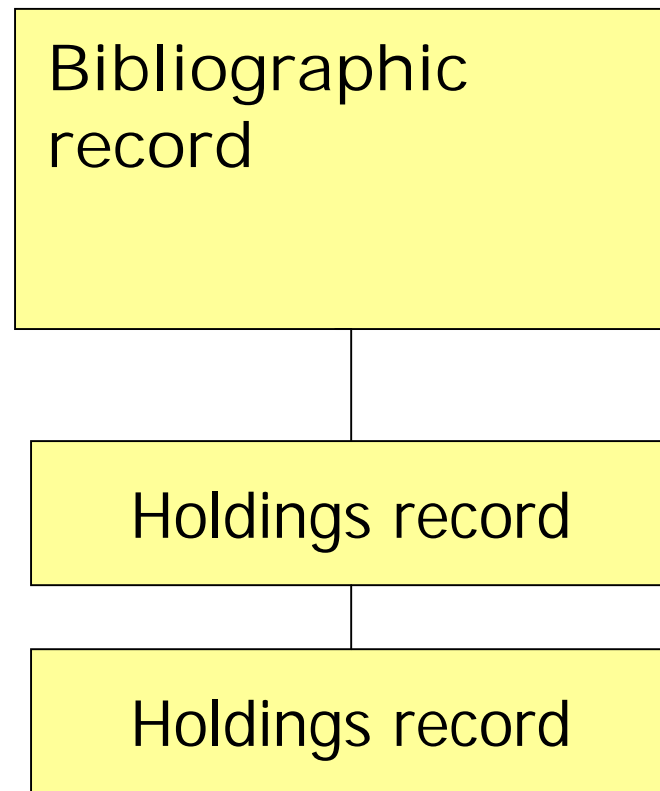
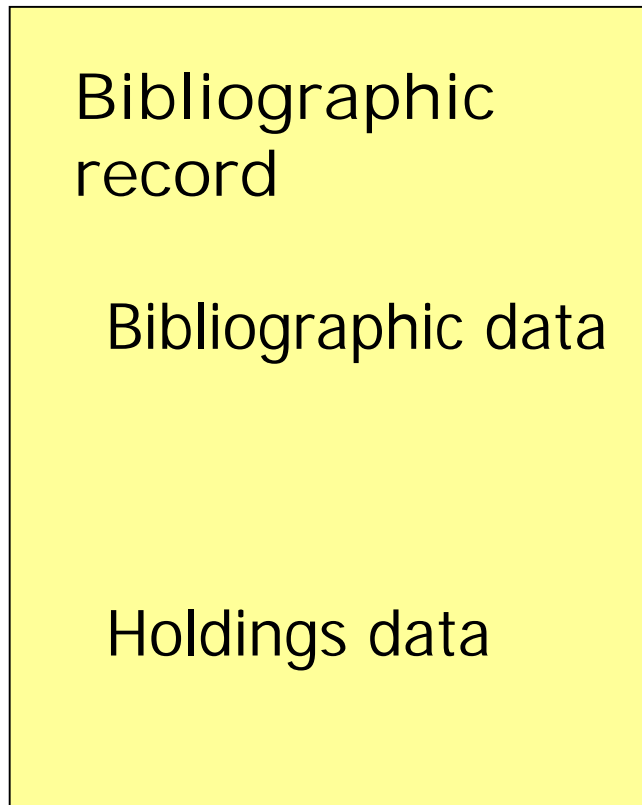
- **Level 3 – Holding institution and summary holdings**
 - Location: DLC
 - Holdings: v.1-24, 1976-2000
- **Level 4 – Holding institution and summary and detail holdings**
 - Location: DLC
 - Holdings:
 - v.1, no.1 - v.3, no.2 (1976: Jan. - 1978: April)
 - v.4, no.3 - v.24, no.4 (1979:July – 2000: Oct.)
- **Level 5 – Holding institution and summary and detailed holdings with piece designations**

Feature

- ❖ **Automatic compression or expansion of holdings data for display**
 - **Compressed statements**
 - v.6-8, no.3 (1976-1978:July)
 - **Expanded statements**
 - v.6, no.1-4 (1976:Jan.-Oct.)
 - v.7, no.1-4 (1977:Jan.-Oct.)
 - v.8, no.1-3 (1978:Jan.-July)

Features

- **Embedded or separate holdings**



Features

❖ Gap indicators

- Breaks may be identified as
 - Published issues missing in the collection
 - Unpublished parts or lack of continuity in numbering

❖ Language retention in captions

- v., Bd., T., Nr., tome, Uppl., no., ...

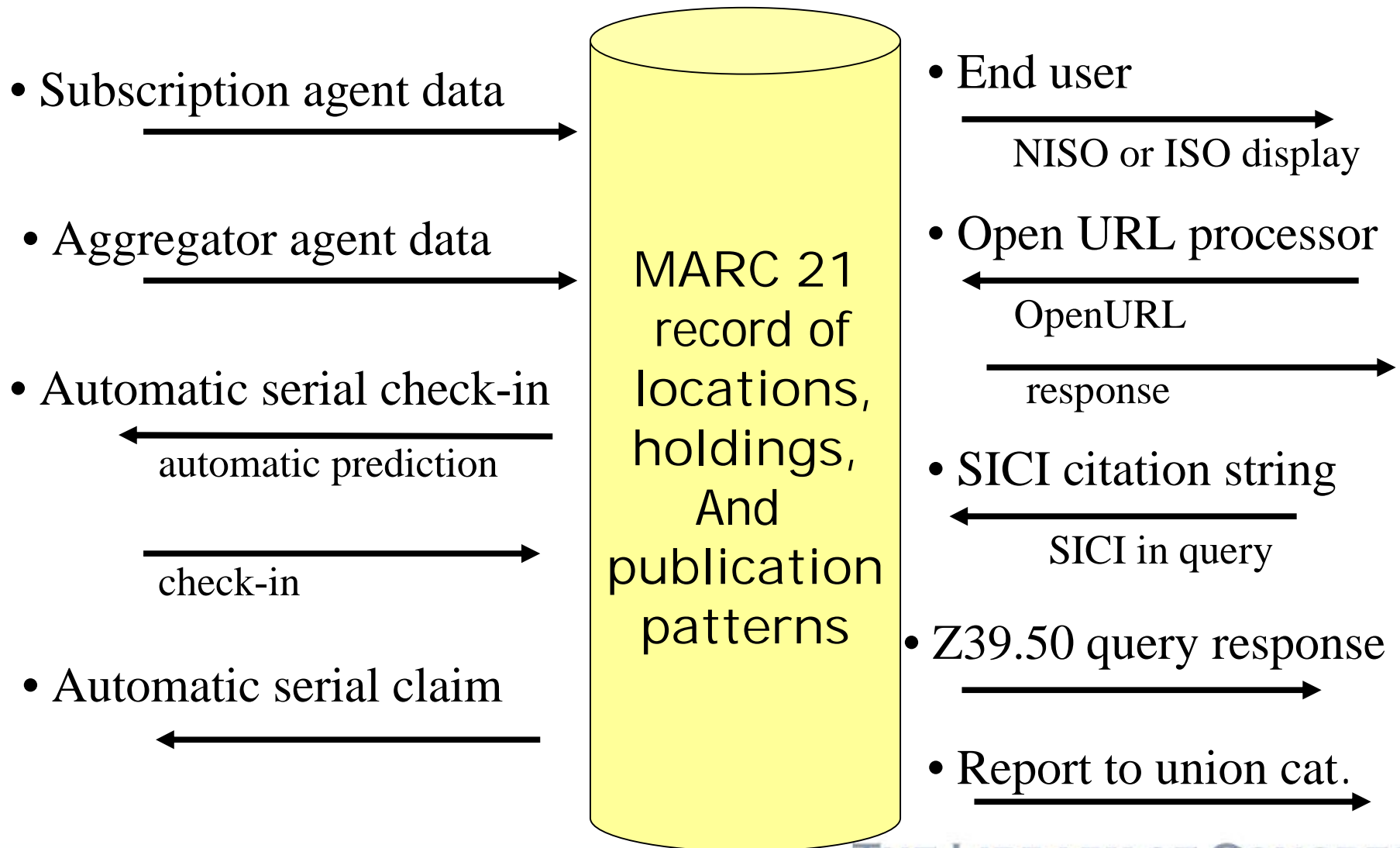
❖ Unicode

- UTF-8

❖ XML

- Transforms to MARCXML

Interfaces



❖ **Questions?**