Libraries Become A&I Services

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Libraries Use MARC Records

- Inventory of print holdings
- Identify availability and location
- Known items (a book by this author or with this title).
- Storage emphasis

- NOT Focused on
- Discovery and Retrieval
Library of Congress Subject Headings - LCSH

- Help with placement in storage areas
- Coordinates with MARC
- Long pre-coordinated heading
- Not the way people speak or think
Challenge of Discovery:

- Smathers Libraries at the University of Florida
- Creating the Portal of Florida History
- Digitization of huge amounts of data
  - The new microfilm
  - Over 14 million pages so far
- Users must be able to get to the materials
  - Expand and enhance metadata
- Increase discovery access to digital collection
- Need Improved and consistent metadata practices
New options

- XML instead of MARC
- 23 DC-ish fields instead of 900 MARC
  - More consistent application
- JSTOR Thesaurus instead of LCSH
- Create metadata records in XML Intranet System
- Export as needed to
  - OCLC
  - Sobek
  - OPAC
  - dLOC (digital Library of the Caribbean)
  - Etc.
Example of Enhancements

Original Subject Terms

Significantly Enhanced Subject Terms
Special Collections First

University of Florida Digital Collections

XML Records & Full Text Exported from UFDC for Analysis

MARC Records Exported from XML

XIS XML CMS System

Enhanced Metadata Added to UFDC Records

XIS Repository for Updated Records

Updated Records Returned to UFDC - Sobek

Portal of Florida History
Digital Library of the Caribbean
Cuban Heritage Collection
Bryant Collection

UF Theses & Dissertations

Access Innovations Inc.
maker of Data Harmony taxonomy software

OCLC

XIS Staff Review & Web Search
Changing times

• Changing roles and responsibilities for catalogers
  • Become metadata librarians

• New tools – Data Harmony XIS and MAIstro

• Application of automated processes
  • Digitization, OCR supports indexing (not cataloging)

• The increase in search accuracy for the first three collections was persuasive and impressive.
Next ... All Metadata Records Created in XIS

XIS Metadata Input

XML Records Exported from XIS to UFDC / dLOC / etc.

XIS XML CMS System

MARC Records Exported from XIS to OCLC

UF Libraries OPAC/Discovery Service

MARC Records Exported from XIS to the UF Libraries OPAC/Discovery Service
Libraries need to be vital

- This project
  - Updates the vocabulary access
  - Concentrates on search and retrieval rather than just storage
  - Has Catalog record become a product not the driver

- Libraries are really A&I Services
  - Dublin Core told us that in the 1980’s

- They just need to invert their process to metadata driven, discovery enabled
Thank you!

The Smathers Libraries seek partners for collaboration, particularly in digital initiatives. We welcome visiting scholars who wish to do research in our collections.

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Access Innovations helps clients with innovative search and data management solutions with its software and services.

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