Enabling the Transition to Smart Spaces

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Libraries Evolving
Evolution of the Library Paradigm

**Reader-centered:** from monastic scriptorium & library; dominated by light & reading tables

**Book-centered:** local access; unrelenting need for shelving

**Learning-centered:** digital content; information commons; learning spaces; information literacy

“In the twenty-first century, we need constantly to affirm that the most important educational function of physical library space is to foster a culture of intentional learning.”

- Scott Bennett

University recognized as one of the most interesting makerspaces in America

University libraries offer makerspaces rich with possibility by providing new technology and tools that enable design, prototype and creation.
Collection Strategies and Tactics
A print logic: the distribution of print copies to multiple local destinations

A network logic: a coordinated mix of local, external and collaborative services are assembled around user needs

A collections spectrum

The ‘owned’ collection
Purchased and physically stored

The ‘facilitated’ collection
Meet research and learning needs in best way

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A collections spectrum:

- The ‘owned’ collection: Purchased and physically stored.
- The ‘licensed’ collection.
- The ‘demand-driven’ collection.
- The ‘facilitated’ collection: Meet research and learning needs in the best way.
- The ‘shared print’ collection.
- The ‘shared digital’ collection.
- The ‘evolving scholarly record’.
- The ‘borrowed’ collection.
- The ‘external’ collection: Pointing researchers at Google Scholar; Including freely available ebooks in the catalog; Creating resource guides for web resources.
Finding the Right Balance
A Range of Options

Compact Shelving
Offsite Storage (Regular Stacks)
Offsite Storage (High Density)
Deselection
Enabling the Transition
Where Is the Data?

Library/Group
- Bibliographic
- Item (location, type status)
- Circulation
- Local rules
- Regional partners
- Comparators

SCS/Vendor
- Filtering
- Remediation
- Aggregation
- Synthesis
- Augmentation

External
- WorldCat
- HathiTrust
- CHOICE/Other Lists
- Internet Archive
- [Commercial availability]
1. Library’s bib, item and transaction data for Monographs

2. SCS

3. GreenGlass
Independent Action in a Collective Context
Visualizing the Collection
Scenario Analysis – Query Builder

Copy of General Withdrawal Candidate List

SUBJECTS
- All subjects
- Specific LC classes

LOCATIONS
- All locations
- Specific locations

FORMATS
Primary Language
- language code(s)
  - example: "eng, spa, fre"

Recorded Uses: 0
Last Charge Date: no data
Pub Year: before 2005
Last Item Add Date: no data OR before 2005
Edition Matching: same edition
US Holdings: > 150
Michigan Holdings: > 4
Allocated for Retention: Not allocated for retention in my library
Visualizing Group Collections

- **Zero Uses**: 30% (441,407 title-sets)
- **1-9 Uses**: 53% (782,878 title-sets)
- **10-19 Uses**: 10% (146,475 title-sets)
- **20+ Uses**: 7% (104,136 title-sets)

AGGREGATE USES – TITLE COUNT

The graph shows the distribution of title holdings across different libraries, categorized by the number of uses (0, 1-9, 10-19, 20+). The bars represent the number of title holdings for each category, with different shades indicating the number of uses.
Scenario Analysis: Model Builder

**FINAL EAST Retention Model**

- **All Included Libraries**
  - Retained Percentage: 36%
  - Retained Holdings: 6,003,283

- **Boston College**
  - Retained Percentage: 36%
  - Retained Titles: 378,669

- Graph showing percent of collection retained versus collection size (titles). Average: 36%
Model Builder Example: 3 Conditions

- Retain ALL if
  - EAST holdings fewer than 5
  - US holdings fewer than 40 (any edition)
  - Regional Large Academic Libraries holdings fewer than 5 (any edition)
  - CNY Retention Partners holdings fewer than 1 (any edition)
  - Publication year before 2011
  - Not Ephemera

- Retain 5 if
  - Aggregate uses more than 30
  - Publication year before 2011
  - Not Ephemera

- Retain 1 if
  - Publication year before 2011
  - Not Ephemera

- Sparsely held titles
- High Use Titles
- Safety Net
Adding Value Beyond the Data

Consulting
Project Management
Tools to interact & visualize
Value added to data
Data
Thank you

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