

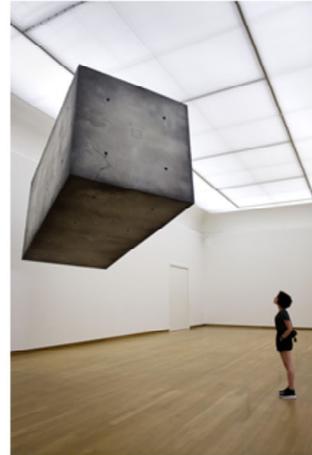


S203

*Breaking Out of the Box: Transforming Archival
Collections and Workflows through Collaborative
Description Projects*

Breaking out of the Box: Introduction

- 3 archivist-non archivist partnerships
- Description/metadata projects
- Transform silos into connections



“Drifter,” by Studio Drift,
Stedelijk Museum in
Amsterdam. Photo by
Christian Fregnan on Unsplash

In this session, we'll be presenting three dynamic duos involving archivists and non-archivists who have partnered in innovative description or metadata projects to improve access to targeted collections that were at first under described, under utilized, and sometimes even unknown in their repositories and by researchers. Through these presentations, we hope to demonstrate that collaboration on these “internal” or behind-the-scenes processes of archival arrangement and description, metadata creation, and cataloging that can often be overlooked and undervalued can have a wide-ranging impact on collections, work flows and relationships, and on users. Archival collections, archivists, and even sometimes archives can be siloed into lonely and unused boxes in the “special” corner of their parent organization. The collaborations we'll be highlighting in this session have transformed these boxes into different shapes or have transformed our perspectives on these boxes.

Breaking out of the Box: Presenters

- Making a New Box: Collaborative Description for Mainstreaming University Publications
--Ruth Bryan and Cindy Cline, University of Kentucky
- Building a Better Box: Tracking Workflows for Image Digitization
--Rachel Howard and Rebecca Pattillo, University of Louisville
- Boom Goes the Box: Expanding Collaborations in Linked Data for New Music
--Lindy Smith and Libby Hertenstein, Bowling Green State University

Here are our three presentations and presenters. Each title is playing on the “box” theme.

10 minutes each, plus 10-12 minutes Q&A.

Worksheet

Breaking Out of the Box: Transforming Archival Collections and Workflows through Collaborative Description Projects #s203

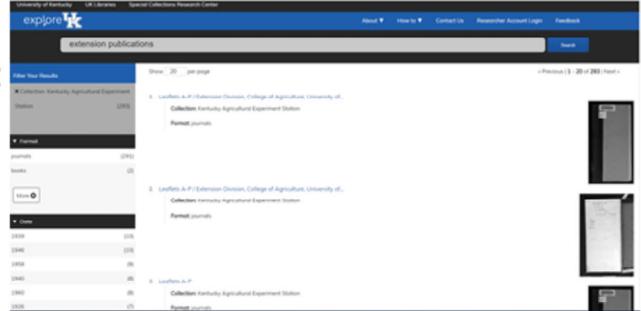
GOAL	What do you hope to accomplish?
	When do you hope to accomplish it?
	Can your goals be broken into phases?
RESOURCES	What resources do you need to reach your goal (i.e. funding, staffing, specific skills)?
	What resources do you have? What resources do you lack?
	Who in your library can help you fill those gaps? In your institution? In the large profession?
MUTUAL BENEFIT	How does filling your need benefit you? Your collaborator? Your users?
	How can you contribute to their goals?

We also have a worksheet for you to use to brainstorm your own potential transformative partnerships. The back of the worksheet includes the presentation titles, presenter names and contact information, and some additional resources about each collaborative project.

The presentations are structured using the worksheet categories.

Making A New Box: Collaborative Description for Mainstreaming University Publications

- A digitization project revealed a hidden collection: Uncataloged Kentucky Agricultural Experiment Station publications held in Archives



<https://exploreak.uky.edu>

Ruth:

A couple of years after I was hired in the University of Kentucky Libraries Special Collections Research Center as the University Archivist, I became aware that some time before my appointment, there had been a digitization project on Kentucky Agricultural Experiment Station annual reports and other publications. The digitization project had been requested and spearheaded by another unit of UK Libraries, the Agriculture Information Center and used their holdings of these publications. The publications are available online at our website, ExploreUK.uky.edu. Explore UK contains digitized content—mainly from Special Collections—and archival finding aids.

Looking through the material that was digitized, I realized that the holdings of extension annual reports in University Archives are more complete than those in the Ag Information Center and could have been included. But, no one outside of those familiar with University Archives (that is, about 3 people) knew of the existence of the publications, because they aren't listed in the ILS.

Making A New Box: Introduction

Hidden internally and externally because:

- Described by provenance with minimal information (not by title)
- Reason for collecting
- Considered to be “archives”
- Described only in ArchivesSpace (not in InfoKat)
- Shelved by accession number in boxes/on server (not by call number)



Ruth:

The extension publications and, in fact, university publications in general, have been hidden not only to external users but also to librarians within the library because they were:

*Described or accessioned by creating unit with minimal extent and total date range information, but not described by individual title.

*The reason for collecting extension publications traditionally has been to provide evidence of university functions, activities, and history and not to provide information about authors or subjects

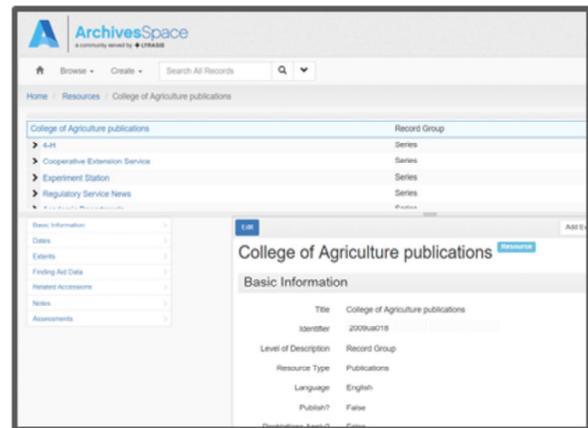
*So, they had always been considered “archives,” not publications, handled within the Special Collections division and not checked in with serials or cataloged by the Collections and Technical Services division, completely separate from Special Collections.

*They were described only in our archives collection management system, sometimes with an inventory in Excel or Word, accessed only by archival staff

*They are shelved in boxes or on servers by accession number, not by call number

Making A New Box: Goals

- A new box within University Archives:
 - Hybrid resource
 - Enhanced archival description and accessioning procedures
- Better intellectual and physical control by title, while also maintaining discovery by the creating unit.
- Preparing publications for mainstreaming into the overall library's holdings



Ruth:

Once I understood what the situation was with university publications, I decided this was a resource that was too important to be hidden. This is true not only for extension and College of Agriculture publications, but all university publications. Moreover, the process for handling them needed to be entirely new, because I realized that university publications are key for university history as well as for bibliographic-based research about authors and titles.

*They are thus a hybrid resource, and on the archival side, we needed to establish enhanced accessioning and description procedures that created a new intellectual box for all university publications

*The new box needed to include individual titles and dates and extents for each title while maintaining the existing accessioning structure by the creating units, so that the archival description (and concurrent physical arrangement) could provide a basis for cataloging, which had never been done with these publications before.

*The new box also needed to allow for check in of new publications acquired through the records management program as well as comparison of existing publications with the huge group of duplicates that archivists had been stockpiling for years.

*Three highlights of the new archival box include:

--First, a specific definition of what a "publication" is vs a printed piece like a brochure

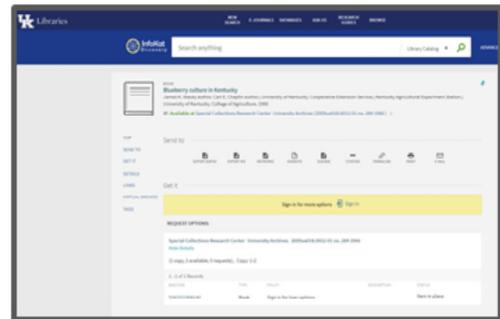
--Second, a main accession records for individual university units and then sub-accession records for individual titles within those units. The main accession record has date ranges and extents for the total publications for that unit. The sub-accession records has date ranges, extents, and container numbers for each title.

--Third, there is a main resource record for each university unit that lists all titles, including

their subaccession numbers, and date ranges, to enable unit-level understanding of resources available. The screen shot is of a part of the resource record for the College of Agriculture publications.

Making A New Box: Goals

- A new box across the Library system:
 - Establish a procedure for discovery of all holdings of University publications -- MAINSTREAMING
 - Demonstrate that archival and bibliographic description can co-exist to provide more access
 - Demonstrate that archivists and catalogers work and think more alike than differently



Cindy:

In order to mainstream the processing and thus the discovery of all types of holdings of University Publications meant that we needed to broaden or adapt our traditional ways of viewing the materials through description and inventory management.

Published materials did not necessarily need a Library of Congress call number, materials could be stored in folders and boxes. Moving the intellectual control out of a collection level record and into single records provides greater access to formerly hidden materials.

Both archivists and librarians are managing inventory and providing access to that inventory. Whether the inventory is books, departmental records or publications, electronic journals or digital photographs, they need to be organized, described, and accessed.

We had to determine the means to link the single records together. This is done through the display and access to the archives accession and box numbers, through series statements for the publications and through authority control for the college and it's departments

Making A New Box: Resources

- ArchivesSpace and ILS
- Special Collections cataloger
- University Archivist
- Ability to obtain staffing
 - Archives student assistants, 2015-2019
 - Summer intern, 2017
 - Graduate assistant, 2016/17-2019/20
- Support of supervisors/autonomy
- Flexibility and communication



Cindy:

-In making a new box the resources we needed and used includes the established standards and procedures for Archives Space and our online catalog, we just needed to build on them.

-We had the shared vision of using the ILS as the connector between the materials and access.

-We had the support of our supervisors for the project, since providing access to hidden collections is a major strategic initiative. University publications provide key information about the research, work and engagement of the university community.

-As library faculty members we had the autonomy to set the direction of our work with this project. We were able to assign students to the project, who were essential in re-organizing the materials to the new scheme, and to train Graduate Assistants in copy and original cataloging.

--Flexibility and communication are important facets of working together, especially when moving materials between units, verifying concepts, establishing procedures, and scheduling workers.

The photos are two of our student workers for the project.

Making A New Box: Resources

Number of publications accessioned/checked, 2017:

- 48 main accessions/university units
- 194 cubic feet

Number in spring 2019:

- 21 cubic feet
- 2 cubic feet kept



Ruth:

On the archives side, here are examples of the sheer volume of publications we have been dealing with. The full-time archives intern for 4 months in summer 2017, Christina Barone worked through 194 cubic feet and created or updated description on 48 university units, not including the College of Agriculture publications, which was another 73 cubic feet and 1000s of individual titles. Two student assistants over 3 years have rearranged and redescribed this unit.

A 10-hour-a-week student assistant for spring 2019 has compared 21 cubic feet of publications marked “copy 2” and has kept only about 2 cubic feet. There are at least another 30 cubic feet left in this chunk of copy 2’s.

While it is likely that the majority of all university publications won’t be cataloged, even the enhanced archival description alone has the potential to reveal titles, subjects, and date ranges that were once hidden. The ability to check and then discard duplicate titles and to easily add newly received titles is also a major positive increase in the efficiency of our storage space and staff time.

Making A New Box: Resources

Transforming the old box: Adapting descriptive information

050	4	a S544.3.K4 b C6
090		a S544.3.K4 b K12
110	2	a University of Kentucky. b Cooperative Extension Service.
210	0	a Circ., Univ. Kentucky, Coll. Agric., Coop. Ext. Serv.
222	0	a Circular - University of Kentucky. College of Agriculture. Cooperative Extension Service
245	10	a Circular - University of Kentucky. College of Agriculture. Cooperative Extension Service.
260		a Lexington, Ky., b University of Kentucky, College of Agriculture, Cooperative Extension Service.
300		a v.
362	0	a no. 554- Apr. 1958-
362	1	a Ceased with no. 631 in 1972.
650	0	a Agriculture z Kentucky.
776	08	i Online version: a University of Kentucky. Cooperative Extension Service. t Circular - University of
780	00	t Circular (University of Kentucky. Agricultural Extension Service) w (OCoLC)24383467

099		a 2009ua018.0007-39 b no. 377 1942
100	1	a Davis, Anita Burnam, e author.
245	10	a 4-H club canning project unit 1 : b canning fruits / c by Anita Burnam Davis.
264	1	a Lexington, Kentucky : b University of Kentucky, College of Agriculture and Home Economics, Extension Division, c 1942.
300		a 8 pages : b charts ; c 23 cm.
336		a text b txt 2 rdacontent
337		a unmediated b n 2 rdamedia
338		a volume b nc 2 rdacarrier
490	1	a Circular / University of Kentucky. Extension Division ; v no. 377
561	1	a From the University of Kentucky College of Agriculture Publications (2009ua018), University of Kentucky Libraries Special
650	0	a Canning and preserving.
650	0	a Fruit.
710	2	a University of Kentucky. b Cooperative Extension Service.
710	2	a Kentucky Agricultural Experiment Station.
710	2	a University of Kentucky. b College of Agriculture.
830	0	a Circular (University of Kentucky Cooperative Extension Service) ; v no. 377.



Cindy:

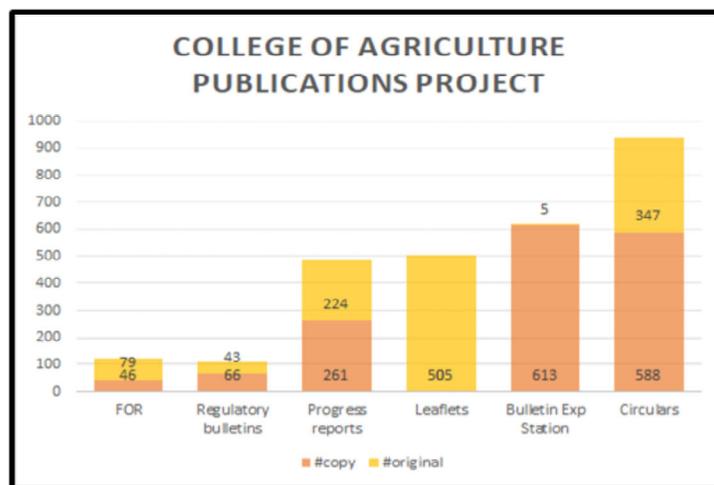
Because the old box of one collection level record wasn't working, we had to transform existing records or create new records.

On the left is the record for the series of Circulars published by the Cooperative Extension Service. On the right is the record for a specific circular. Improved keyword searching through quality cataloging and accurate access points are critical to accessibility. In consultation with archivist, we determined which fields to add for increased access points

The 099 field for accession number + box number, the 490/830 fields for series, the 561 field to record the collection note, and the 710 fields for the college and unit

Making A New Box: Mutual Benefits

Number of bibliographic records edited and/or added for project



Cindy:

A major benefit of this project are the additional records created to provide access to formerly hidden topics like managing Christmas tree farms, care of cattle and other farm animals, land management and much more.

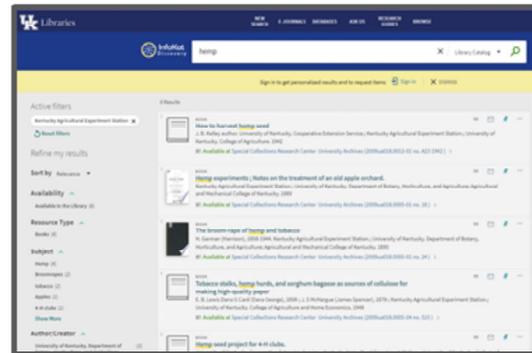
Each column in this chart shows the number of titles and records for each project to date. 1574 existing records were used and 1203 new records have been created for a total of 2778.

Additional records mean additional opportunities to access the works created by the faculty, staff and students within the College of Agriculture.

Making A New Box: Mutual Benefit

- Transforming the old box:
 - Reveal the hidden collection to archivists, librarians, and patrons

2009ua018.0005-05 ...	Bulk fertilizer spreading practices in Kentucky, with special emphasis on ...	Fuqua, Joe E.
2009ua018.0010-01 ...	Advantages and problems in sheep production	Fuqua, Joe E.
2009ua018.0007-42 ...	Three-Hopper truck fertilizer spreaders : An economic evaluation	Fuqua, Joe E.
2009ua018.0010-01 ...	Returns to priming burley tobacco : with special consideration for hand ...	Fuqua, Joe E.
2009ua018.0007-41 ...	Corn and small grain harvesting costs	Fuqua, Joe E.
2009ua018.0007-42 ...	Sheep raising as profitable enterprise	Fuqua, Joe E.
2009ua018.0007-41 ...	Cost of operating the pull-type three-hopper fertilizer spreader	Fuqua, Joe E.



Ruth:

The new archival box for university publications generally and for College of Agriculture publications specifically has transformed the old archival box, revealing this hidden collection to archivists and librarians within the library and to patrons outside the library. These three examples demonstrate:

*First, on the left, how a patron found extension publications written by a specific author, Joe Fuqua (this is a snip of the Aeon request list)

*Second, right, how I found extension publications on hemp to use for an exhibit (I searched the library catalog for “hemp,” then filtered for extension publications; the box number to call back from off-site storage is right in the record--easy!)

*Third, bottom, Reinette Jones, one of the SCRC librarians, recently presented on her encyclopedia-like, ongoing subject guide project, the NKA database, to the organization Black Soil: Our Better Nature. Both she and they are thrilled with enhanced access to agriculture-related titles, which helps them with their mission to reconnect black Kentuckians to their legacy and heritage in agriculture

The more stuff you have described, out there, the higher the likelihood that it will be discovered. Without the joint expertise of the archivist and the cataloger and without the student, intern, and grad assistant staffing resources, this amazing group of publications wouldn't be visible; they would still be buried. So, this project has (and continues to) transformed the COA publications and our description practices for university publications generally. It has also transformed our understanding of why we collect or the research value of university publications.

Building a Better Box: Tracking Workflows for Image Digitization



U_{of}L UNIVERSITY LIBRARIES

Rachel

The problem(s):

- a collection of ~400,000 photographs in all conceivable formats (pictured at left is just one side of the shelving in the stacks containing safety negatives) from a local photo studio which operated from 1903-1978;
- a history of opportunistic rather than strategic scanning of these images, without documentation of decisions or of administrative and technical metadata or even a consistent server storage location;
- a wealth of associated business records (see right);

No. <u>120277</u>		<u>120213</u>		20402 pg 2		Date <u>Sept. 18, 1931.</u>	
Name <u>Frontier Nursing Service,</u>							
<u>Leslie County, Wandoover, Ky.</u>							
Neg. No.	Size	37 negatives	Subject	Order			
<u>120277</u>	<u>8x10</u>			2 scf w/ each. numbered			
<u>-120278</u>			<u>3 views Hyden Park,</u>	2 SCF 125			
<u>-120279</u>				2 SCF 125			
<u>120280</u>				2 SCF			
<u>-120281</u>			<u>3 views Flat Creek</u>	2 SCF 125			
<u>-120282</u>				2 SCF 125			
<u>-120283</u>				2 SCF 125			
<u>-120284</u>			<u>5 views Red Bird River</u>	2 SCF 125			
<u>-120285</u>				2 SCF 125			
<u>-120286</u>				2 SCF 125			
<u>-120287</u>				2 SCF 125			
Req.	Ordered by	Negative by	Proofs	Spec. Dev.	Promised	Disposition	
						mail	
Time	Mileage	Light	Blocking & Lettering	Originals	Reprints		
				<u>37 @ 2.00 = 74.00</u>	<u>37 @ 40 = 14.80</u>		
Overtime	Assistant	Expense	Legal	Special	<u>1 @ 75 = Push 75</u>		
				<u>2 covers @ 1.00 = 2.00</u>	<u>252 @ 22 = 55.44</u>		
Remarks					Total	Paid	Due
<u>2-1.00 Covers</u>	<u>mail one set to Wandoover, Sept 21-31.</u>					BILLED	<u>151.44</u>
	<u>Hold other set for Mary Breckenridge MAIL</u>						

Rachel

- a partial and poorly documented system for matching images to the studio's information about them for descriptive metadata purposes;
- "resource leveling" involving a workforce split among 3 distinct office spaces on 2 separate floors who don't always know who's doing what and when;
- database tools (Microsoft Access) that can only be opened by one user at a time

Resulting in:

- fewer than 4,000 collection items online after 5 years of work by a volunteer followed by a since-departed Metadata Librarian.

Building a Better Box: Goals

The screenshot shows the University of Illinois Libraries Digital Collections interface. At the top left is the 'UL UNIVERSITY LIBRARIES' logo. To the right is the 'DIGITAL COLLECTIONS' header. Below this is a navigation menu with links for Home, Collections, Browse, Search, About, Ordering reproductions, Citing sources, and RSS feeds. A search bar is located below the menu, with a 'Search' button and a link to 'Advanced Search'. The main content area features a grid of four historical black and white photographs: two men in suits, a bridge under construction, a man playing a violin, and a large interior hall. To the right of the grid is a dark red sidebar with the title 'CAUFIELD & SHOOK PHOTOGRAPHERS.' and navigation options: 'ABOUT THE COLLECTION' and 'BROWSE THE COLLECTION'. Under 'BROWSE THE COLLECTION', there are links for 'BUILDINGS', 'PEOPLE', and 'TRANSPORTATION'. Below these are 'BY NEIGHBORHOOD', 'BY STREET', and 'BY DATE'. At the bottom of the sidebar is a 'choose dates' dropdown menu and a 'GO' button. A small 'Back to top' link is visible in the bottom left corner of the page.

Rachel

- More product, BETTER process
- Consolidate and share documentation among all stakeholders and workflow stages
- Present awesome new Metadata Librarian hire with less messy, daunting project
- Overcome “technical debt” (without incurring more)

Building a Better Box: Resources

Caulfield & Shook Metadata

Search Records

Add Search Conditions

Search

30858 Results

1 2 3 4 5 ... Next Last

Image number	Scanned	Title	Street name	Description	Report date	Event information	Invoice number	Date original	Details	Location displayed	Subject	People pictured	Object type	Physical file size	Digital file size	Date digital	Object file name	Recent complete	Upload group	Add to collection vocabulary	Notes	Source	Retrieved image	Assigned to	Created by	Updated by	Invoice date
View	no		1000 BROAD WALK	MANICULET CRATER CRATER	no					Mulholland Rd Backroad - (no)											Cloud view of these sta...			SYSTEM	andy_admin	no	
View	yes	Stomach of South Beach and West Market Streets to Lombardi, Berkeley, September 29, 1913.		Traffic running through...	no	Let PDA, Invoice Number 30858	30858	1913-09-30		Fourth Street (London, Onto)	Pedestrians, Automobiles...		Glass negatives	3.25 K	2290746	2011-09-28	CS_144218_01.jpg	yes	18		Stage was mislabeled A- (no)	3.25 K 4.25 in. 3.6w gr...			SYSTEM	andy_admin	no
View	no		8422 St.	St. Vincent's Hospital	no					First Street (London, Onto)			Photographic prints	Negative							It is original. Estimate...			SYSTEM			
View	yes		48 430 BROADWAY	METROPOLITAN THEATRE	no					South Street (London, Onto)			Photographic prints											SYSTEM	Reference	Patricia	no
View	yes		800 VESPA DR		no					San Jose Drive (London, Onto)			Photographic prints											SYSTEM			
View	yes	Capitol building, circa 1913.		The Capitol residence - (no)	no			19-?	pre-1913	San Jose Drive (London, Onto)	Buildings, Dwellings...		Photographic prints				CS_144218_01.jpg	2			8 x 10 in. 3.6w photo...			SYSTEM			
View	yes	Stamps and letter addressed to person, circa 1913.		In the foreground a no...	no			19-?	pre-1913		Doctors, Medical equip...		Negative				CS_144218_01.jpg	2			8 x 10 in. 3.6w photo...			SYSTEM			
View	no		1000 BROAD WALK	INTERNATIONAL BANKING	no					Mulholland Rd Backroad - (no)														SYSTEM	andy_admin	no	
View	yes		1000 BROAD WALK	MARKET	no					Market Street (London, Onto)			Photographic prints											SYSTEM	Reference	Patricia	no
View	yes		8422 St.	Address: merchant ca...	no					Third Street (London, Onto)	Photographs, Negative Int...													SYSTEM			

1 2 3 4 5 ... Next Last

Home | Search | Search All Records | My Assigned Records | Create New Record | Add My Records | Sign Out



Rachel

- Friendly, helpful Web Services team (2 people with other primary job duties but small FTE percentages devoted to developing tools)
- Digital Initiatives Librarian with working knowledge of SQL
- Photo Archivist willing to mine the institutional memories of her retired predecessors
- Director willing to shift to summer hours on reference desk to institute "Metadata Blitz"
- Colleagues willing to try new things
- New Metadata Librarian!

...who will now tell you more about the project from her perspective.

Building a Better Box: Mutual Benefit

Caufield & Shook Metadata

Editing Record

Image number *
ULPA 05 10030

Scanned
yes ?

Title
Eleanor Boardman was figure in window display, Louisville, Kentucky, 1936.

Street name

Description
A wide window display at Besten & Langen department store at 518 S. 4th St. in Louisville, Ky. that showcases furniture and clothing alongside a life-size wax model figure of contemporary movie stars. On the left side of the L-shaped window display are hats atop a tall hat stand next to a decorative bench with cushioned seat. Across the seat is a mink fur scarf and a hat. Shoes are also displayed on the floor of the window display. To the right is a wax figure of Eleanor Boardman, a white woman wearing a sheath style dress with lace bodice and a long necklace. A sign in front of her has a portrait of the real-life actress. Also in the same display is an art-deco mirror and high back chair. Along the chair cushion is a pair of shoes. The top of the window has a fringed cloth curtain that said "Season's."

Reject scan
no ?

Invoice information
Besten & Langen, 518 S. 4th St., Invoice Number 05876

Invoice number
05876

Date original
1936-03-05

Decade
1930s

Location depicted
Fourth Street (Louisville, Ky.), Central Business District (Louisville, Ky.), Louisville (Ky.), Jefferson County (Ky.)

Subject
Window displays; Show windows; Storefronts; Stores & shops; Department stores; Merchandise displays; Furniture; Beds; Clothing & dress; Wax figures; Mannequins; Actresses

People pictured
Boardman, Eleanor, 1898-1991

Object type *
Vintage negatives ?

Not a metadata expert?



NO PROBLEM!



- I inherited the new metamachine and my primary responsibilities for the first year was to increase the number of records in our digital collections.
- Easier for non-metadata experts (students and colleagues) to create metadata. For ex., our f/t Reference Assistant discovered she loved creating metadata records and gave her new excitement for her job. Student employee also trained on metamachine and has expressed interest in becoming archivist!
- The metamachine makes metadata entry easy and more aesthetically pleasing than working in an Access database. Each field is broken into either a free text box or a drop down menu. In conjunction with a "metadata cookbook" that describes each field and its preferred formatting.

Building a Better Box: Mutual Benefit

Search Records

contains Churchill Downs

Field	Operator	Value	Street name	Description	Reject scan
Id	doesn't match all				
Image number	less than				
Scanned	less than any				
Title	less than all				
Street name	less than or equal to				
Description	less than or equal to any				
Reject scan	less than or equal to all				
Invoice information	greater than				
Invoice number	greater than any				
Date original	greater than all				
Decade	greater than or equal to				
Location depicted	greater than or equal to any				
Subject	greater than or equal to all				
People pictured	in				
Object type	in any				
Physical file size	in all				
Digital file size	not in any				
Date digital	not in all				
Object file name	not in any				
ULPA CS	contains		0600 Block WALNUT	MACAULEY THEATER INTER... (more)	no
ULPA CS			S 0313 01	1915 VOLUNTEER	no

Search Records

Scanned equals yes

Description contains Churchill Downs

Decade contains 1920s

[Add Search Conditions](#)

[Search](#)

14 Results

	Image number	Scanned	Title	Street name	Description
Edit	Record Details	ULPA CS 036342	yes	McClellans horse, Bon Homme, running at Churchill Downs, Louisville, Kentucky, 1921.	A horse named Bon Homm... (more)
Edit	Record Details	ULPA CS 036342_5	yes	Two horses on the dirt track at Churchill Downs, Louisville, Kentucky, 1921.	Two horses on the dirt... (more)
Edit	Record Details	ULPA CS 036350	yes	Leonardo II, Derby entry in 1921.	Two horses running on... (more)

Not a MySQL expert?



NO PROBLEM!



- Metamachine search function has a user-friendly interface powered by MySQL (by non-SQL experts like me) makes it quick to find commonalities, such as location, event, and customer, that otherwise required detailed physical processing to discover.
- Search function also made it possible to create metadata in bulk for a large set of images (ex. Construction of a building over the course of months/years separated in physical collection, but discovered through queries).
- Helps us to find very specific requests from researchers, especially images that may not be scanned yet (i.e. Churchill Downs in the 1920s that are scanned)

Building a Better Box: Mutual Benefit



- Web Services and Systems Librarian develop skills
- Increased access for users
- Doubled records in digital collection



- Systems Librarian Randy Keuhn said the project helps him expand on his own skills, which is important in ever evolving world of programming; helps him stay on top of, or at least, not far behind emerging technologies and coding. Plus, he enjoyed getting to “build a cool thing” that helped the library achieve its goals.
- Increased access by streamlining the workflow to more quickly create and upload records to digital collections. Also, makes answering specific reference requests easier by using search function. Additionally, it has let me focus on other projects, knowing that colleagues and students can continue to create metadata.
- 1 year after completion of metamachine, 3,000 records added to digital collection, exceeding the amount of records that previously took 3 years to complete. After my employment of a year, we doubled the amount of C&S records in digital collections!

Boom Goes the Box: Expanding Collaborations in Linked Data for New Music



BGSU. | **University
Libraries**

Introduce ourselves and our presentation title

Boom Goes the Box: Goals

- New Music [& Art] Festival
 - History
 - Content
 - Relationships
- Linked Data
 - Break down silos
 - The future of information sharing?



BGSU. | **University
Libraries**

Lindy

New Music Festival: significant history, upcoming anniversary, content in multiple repositories (and some non-repositories), types of content, relationships within new music community

Linked Data: is it the future? BIBFRAME, the internet, allows for linking across institutions, relationship building

Boom Goes the Box: Resources

- Exploration
- Omeka S
- Partners in Crime
 - CATS
 - LITS
 - MLBSSA



BGSU | **University Libraries**

Libby:

This project hinged on the idea of creating a database, which could store, present, and create linked data. Since we initially knew very little about linked data, we started with reviewing the literature on the topic. In reviewing the literature, we found some helpful hints on where to begin our software search and what was possible.

We looked at a variety of software platforms but nothing we found could do what we wanted, with the time and skills we had. We also explored collaborating at a consortium level to pull resources. This fell through, as well. We even looked at grant opportunities to fund the creation of our own software of database tailored to what we wanted. Ultimately, we found another solution.

Lindy

Omeka S: We already use Omeka, free (as in puppies), built in LOD, back end and front end, little specialized knowledge required, IT department was happy!

Libby

Partners in crime: What each unit contributed

Our linked data database took a village to build with collaboration and cooperation from across the library. Collection and technical services brought metadata expertise to the table, including contributing to the selection of metadata schema and the creation of metadata templates for entries. Also, a good portion of the metadata entry and linking took place in collections and technical services.

Our library IT department was also incredibly important in the development of this project. They helped us in the beginning by telling us what was and was not possible. They also answered our questions about linked data and triples that we had. Finally, they also provided the support for the database and its creation.

The music library brought subject content, which was incredibly helpful considering not all of us have a musical background. We'd have to call up music and ask, is this instrument the same as that instrument, are these the same people, et. cetera. Music also helped in the creation and selection of schema and templates.

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SIGNED IN AS
Lindy Smith Logout

Search items ... Q

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ITEMS

Frog Songs

Edit item

Metadata
Linked resources

Class	musical expression
Title (dcterms:title)	Frog Songs
Date (dcterms:date)	1971
Alternative Title (dcterms:alternative)	for soprano and instrumental ensemble
Composer (mo:composer)	Weiss, Edward
Performer (mo:performer)	Clemens, Robert
	Corrigan, Ann
	Davis, Scott
	Jackson, Yvette
	Pethoud, Rick
	Shrude, Marilyn, 1946-
	Sweger, Keith
Thomas, Kathryn A.	
Wolcott, David	
Performed In (mo:performed_in)	Friday, October 26, 1984, 2:30PM
	Fifth Annual New Music and Art Festival



Visibility

Public

Item sets

Works

Created

Apr 25, 2018

Owner

Elizabeth Hertenstein

Media

frogsongs.jpg

Libby:

Here you can see an actual entry from the backend of Omeka S. You'll notice that we've used multiple metadata schema in one template. This was really a benefit we found in Omeka S because it allowed us to tailor our data like we've never been able to before.

This entry is for a song. All of the items with a box next to them mean that the item has a relationship to another item in some way and that a linked data triple has been created on the backend. You'll see that we chose the following relationships to highlight, composer, performer, events

Settings

MODULES

CSV Import

ITEMS **Frog Songs** Edit item

Performed In (mo:performed_in)

Friday, October 26, 1984, 2:30PM

Fifth Annual New Music and Art Festival

Has Movement (mo:movement)

Prelude; "Behind his long face..."; Interlude; "A discovery..."; "Old Pond..."

Instrument (mo:instrument)

- Bassoon
- Clarinet
- Flute
- Horn
- Percussion
- Soprano voice
- Violin
- Violoncello
- Conductor

Recorded As (mo:recorded_as)

Bowling Green State University Library Catalog Record

Bowling Green State University Library Catalog Record

Published As (mo:published_as)

Bowling Green State University Library Catalog Record

Omeka S version 1.3.0 System Information User manual Support forums

Visibility

Public

Item sets

Works

Created

Apr 25, 2018

Owner

Elizabeth Hertenstein

Media

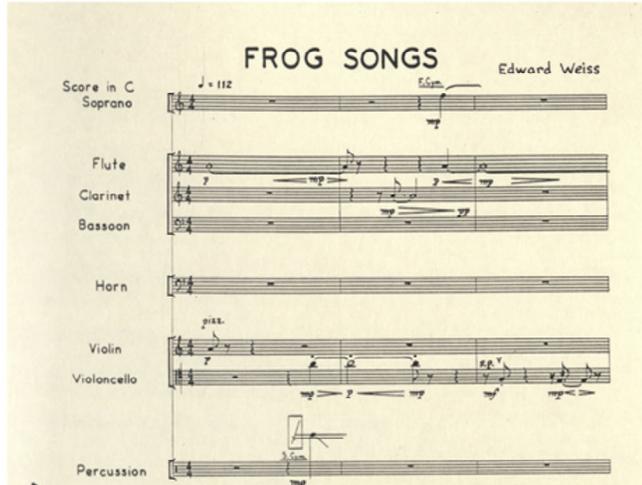
 frogsongs.jpg

Libby

Instrumentation and we also linked back to our library catalog so that users can see how to access the items in our collection.

Frog Songs

[New Music Festival](#) / [Items](#) / Frog Songs



Libby

In looking at the front end of the project, we wanted to highlight Omeka S's ability to exhibit images and data. So here we have a image of the score.

Item	Linked Resources
Item	
Title	Frog Songs
Date	1971
Alternative Title	for soprano and instrumental ensemble
Composer	Weiss, Edward
Performer	Clemens, Robert Corrigan, Ann Davis, Scott Jackson, Yvette Petboud, Rick Shrude, Marilyn, 1946- Sweager, Keith Thomas, Kathryn A. Wolcott, David
Performed In	Friday, October 26, 1984, 2:30PM  Fifth Annual New Music and Art Festival
Has Movement	Prelude; "Behind his long face.-"; Interlude; "A discovery.-"; "Old Pond.."
Instrument	Bassoon Clarinet Flute Horn Percussion Soprano voice Violin Violoncello Conductor
Recorded As	Bowling Green State University Library Catalog Record Bowling Green State University Library Catalog Record
Published As	Bowling Green State University Library Catalog Record
Item Sets	<ul style="list-style-type: none"> Works

Libby:

This is the data that users would be able to see on the front end, which is very similar to the back end. Once again, everything that is linked, will point to the relationships these object have with other objects.

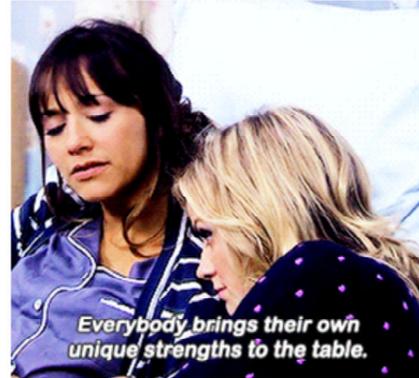
Item	Linked Resources
<p>Linked resources</p> <p>Filter by</p> <ul style="list-style-type: none"> • Made • Performed • Used in Performance • Uses Work 	<p data-bbox="540 281 730 298">« First < Previous Next > Last »</p> <p data-bbox="1053 281 1279 298">Resources 1 - 12 of 21 View as a gallery</p> <p>Performed</p> <p>Jackson, Yvette</p> <p>Wolcott, David</p> <p>Sweger, Keith</p> <p>Pethoud, Rick</p> <p>Thomas, Kathryn A.</p> <p>Used In Performance</p> <p>Violoncello</p> <p>Bassoon</p> <p>Horn</p> <p>Clarinet</p> <p>Made</p> <p>Weiss, Edward</p> <p>Uses Work</p> <p>Fifth Annual New Music and Art Festival</p> <p>October 26 and 27, 1984; College of Musical Arts; Moore Musical Arts Center; Bowling Green State University; Featured Performance: The Music by Philip Glass performed by the Philip Glass Ensemble; Other Guest Composers: Daniel Adams, Walter Baer, Claude Baker, Burton Beerman, Darlene Cowles, Wallace DePue, Luca Francesconi, Donald Grantham, Stephen Gryc, Glenn Hackbarth, Peter Hesterman, John Hilliard, Reed Holmes, Elaine Lebenborn, Max Lifchitz, Raymond Luedeke, Carlton Macy, Murdock Donald Macinnis, Robert Mueller, Gary Nelson, Dean Roush, Ray Shattenkirk, C. James Sheppard, Peter Terry, James Waters, Edward Weiss, Gregory Youtz.</p> <p>Friday, October 26, 1984, 2:30PM</p> <p>Kobacker Hall</p> 

Libby:

Finally, you see here the user friendly linked data relationships that have been created on the backend.

Boom Goes the Box: Mutual Benefit

- Cooperation
- Perfect or good enough?



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Lindy: Cooperation, what it looked like, what we got out of it, time management, personalities, perfectionism

Breaking Out of the Box: Summary



Berlin, photo by Christian L on Unsplash

Breaking out of the Box Q&A

- Making a New Box: University Publications (University of Kentucky)
-Ruth Bryan and Cindy Cline
- Building a Better Box: Image Digitization (University of Louisville)
- Rachel Howard and Rebecca Pattillo
- Boom Goes the Box: Linked Data for New Music (Bowling Green State University)
- Lindy Smith and Libby Hertenstein

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10 minutes each, plus 10-12 minutes Q&A.