What is a metadata librarian?

"Metadata Matters" webinar hosted by CARLI DCUG November 9, 2010

Karen Miller, Northwestern University Kristin Martin, University of Illinois at Chicago Ellen Corrigan, Eastern Illinois University

NUL Metadata: A Brief History

- Earliest digitization projects used static web pages, metadata embedded in the HTML (starting in 1995)
- MARC item level cataloging of visual materials, MARC converted to SGML for web (1995-2001)
- Participation in the CORC project and Library of Congress American Memory, creation of Dublin Core, TEI, and MARC records (2004)
- Digital repository : FEDORA
 - Book digitization
 - \circ Finding aids
 - Digital Image Library
 - Legacy projects moved here
- Repository Implementation Group formed to implement prioritize projects, develop repository policies, guide development of interfaces.

Early projects at NUL



Cross collection search interface to the digital repository at NUL: digital.northwestern.edu

NORTHWESTERN UNIVERSITY LIBRARY	LIST	GRID FLO	W NUMOBILE	XML
+ add criteria Search Clear Sort by Relevance	 Descen 	nding 👻	_	
DIGITIZED COLLECTIONS CROSS SEARCH		-		
Search across multiple digitized collections simultaneously by typing any word in the search box above				
outton to search additional words, and use the drop-down menu to limit searching to a specific field (Title, Date, S	ubject, etc.).		
Collections currently included in this search				
16th - 20th Century Maps of Africa				
Edward S. Curtis's The North American Indian, Digital Text				
Posters from the Melville J. Herskovits Library of African Studies				
The Siege and Commune of Paris, 1870-1871				
Transportation Library Menu Collection				
Humphrey Winterton Collection of East African Photographs: 1865-1965				
World War II Poster Collection				

Cross collection search interface to the digital repository at NUL: digital.northwestern.edu

NORTHWESTERN UNIVERSITY LIBRARY	LIST	GRID FLO	W NUMOBILE	XML
+ add criteria Search Clear Sort by Relevance	 Descen 	nding 👻	_	
DIGITIZED COLLECTIONS CROSS SEARCH		-		
Search across multiple digitized collections simultaneously by typing any word in the search box above				
outton to search additional words, and use the drop-down menu to limit searching to a specific field (Title, Date, S	ubject, etc.).		
Collections currently included in this search				
16th - 20th Century Maps of Africa				
Edward S. Curtis's The North American Indian, Digital Text				
Posters from the Melville J. Herskovits Library of African Studies				
The Siege and Commune of Paris, 1870-1871				
Transportation Library Menu Collection				
Humphrey Winterton Collection of East African Photographs: 1865-1965				
World War II Poster Collection				

UIC Metadata: A Brief History

- UIC began to digitize collections about 10 years ago
 - Early projects used Hyperion, later Luna to manage digital assets
 - Most projects migrated forward
- Current digital collections
 - CONTENTdm through CARLI
 - Indigo Institutional Repository (using DSpace)

UIC History, Continued

- Work done in early-mid 2000s to develop descriptive metadata standards
 - Special Collections in consultation with University Photographer
 - UIC Metadata Standards Task Force
 - Standards brought together for data dictionary for CONTENTdm
- No official standards for technical or administrative metadata

EIU Metadata: A Brief History

2000-2007

- Image collections in Access databases, no metadata standards
 - Exception: one externally-hosted, grant-funded project
- Individually cataloged items linked to digitized versions from bibliographic/holdings records

2008-present

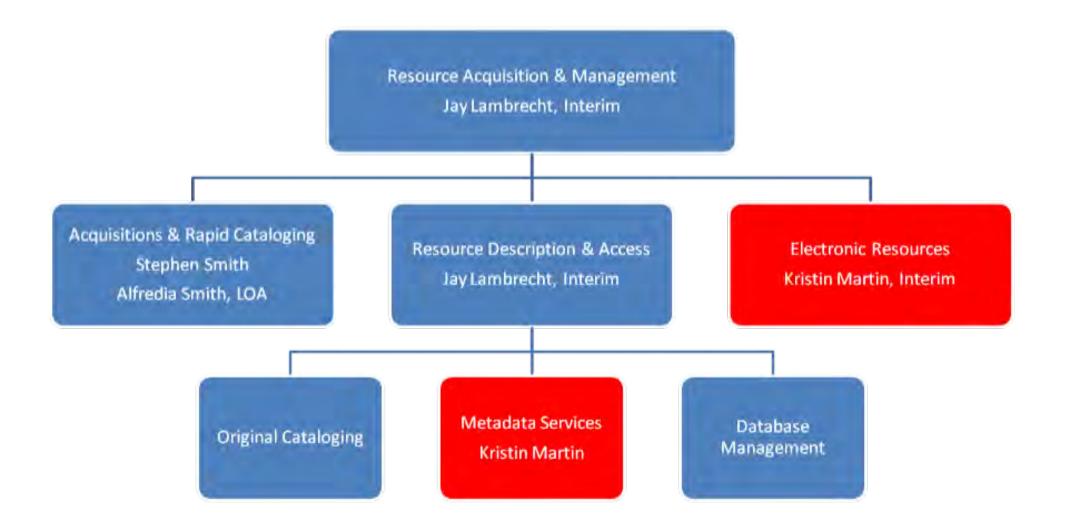
CONTENTdm, Dublin Core

Quick Facts about UIC

- 25,000+ students
- Library includes Richard J. Daley Library, Science Library, Library for the Health Sciences (with 4 locations)
- 2.2 million volumes in Library
- ~196 total employees
- ~65 faculty/academic professionals
- Metadata Librarian located in Resource Acquisition and Management

~26 employees

UIC Organizational Chart

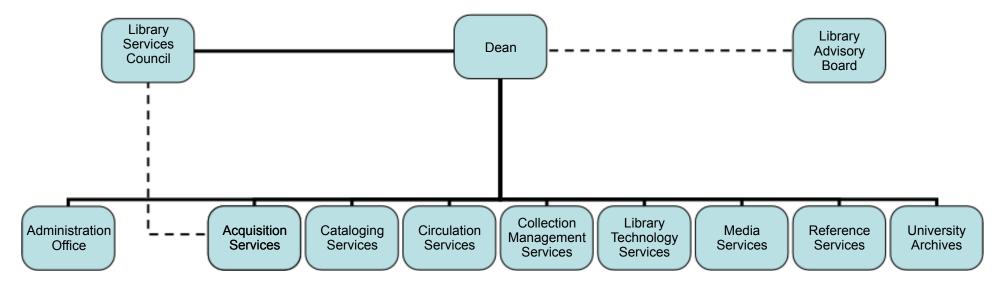


Quick Facts About EIU

- Public, comprehensive university granting bachelor's, master's, specialist's degrees
- ~12,000 students

Booth Library

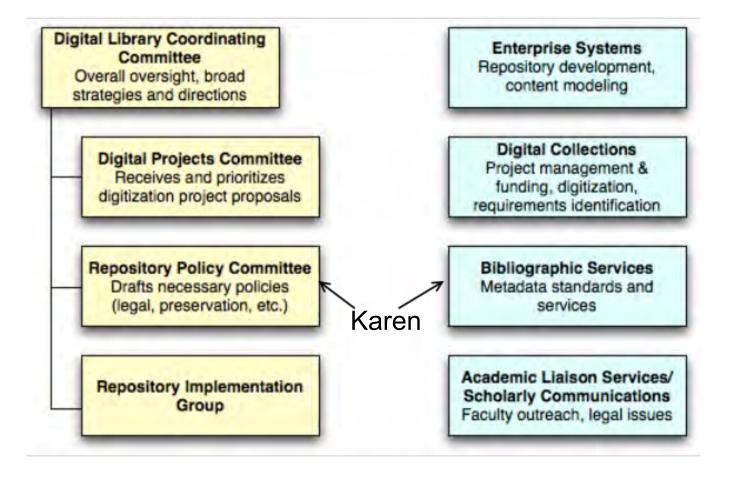
- 978,209 cataloged monographic and serial holdings + more than 1.2 million microforms
- 62.66 FTE positions
- "Metadata librarian" position located under Cataloging Services (6 employees)



Quick Facts about NUL

- 16,000+ students
- Main Library holds 4.6 million volume
- ~205 total employees
- ~93 faculty/academic professionals
- Monographic/Digital Projects Cataloger
 located in Bibliographic Services Dept.
 ~16 employees

Digital repository implementation at NUL Parallel committee/department structure



Responsibilities at EIU

- MARC-based cataloging
- Descriptive metadata for digital collections
- Coordination of digital resources service
- Other duties as assigned

Responsibilities at NUL

- Print cataloging using MARC, NACO and BIBCO work
- DLCC and Repository Implementation Group : Liaison from Bibliographic Services Dept.
- Initiate metadata related projects related to the digital repository
 - $_{\circ}~$ Review of open source metadata editors
 - Development of repository policy on metadata requirements, including descriptive, administrative and technical metadata.
 - Maintenance of controlled vocabularies used in the repository.
- Coordinate authority control with finding aids project (using Archon to generate and edit EAD)
- Work with IT staff to create crosswalks from existing metadata into other formats (MARC to MODS, MARC to VRA Core, etc.)
- Most cataloging work is done in MARC. Very little work done directly using XML.

Responsibilities at UIC

- Develop and promulgate metadata standards

 Descriptive, technical, administrative
- Review and oversee metadata creation and development
- Serve as metadata expert and liaison to campus departments needing assistance
- Review standards and methods for cataloging e-resources
- Determine methods to improve search and discovery across all library resources

UIC Job Responsibilities in Reality

In addition to duties on previous page ...

- Maintain authority control in library catalog
- Work with team to manage catalog access to e-books and e-journals, including record loads
- Catalog special collections materials
- Manage implementation of WorldCat Local
- Develop reorganization plan for electronic resources acquisitions and access
- As of August 16, 2010...
 - Manage acquisitions workflows and processes for electronic resources, including licensing, ordering, activating, troubleshooting, and managing staff of two

Karen's Background

- Recent graduate of Dominican University with MSLIS (2003) and Dr. Gertrude Koh's cataloging courses:
 - Cataloging and Classification
 - LC Subject Analysis
 - Metadata for Internet Resources
- Two years in a split position with Preservation Dept., developing digital preservation policy
- Prior experience with SQL, basic programming
- Basic knowledge of XML and XSLT gained in on-the-job training and ALA pre-conference seminars

Kristin's Background

If I can become a metadata librarian, so can you!

- BA History, BMA Clarinet Performance, University of Michigan
- MSLS, University of North Carolina at Chapel Hill, 2000
 - Focus on archival management
 - Cataloging with Jerry Saye and Metadata with Jane Greenberg
- Work Experience
 - Assistant Archivist, Cleveland Museum of Art
 - Digital State Documents Librarian, State Library of North Carolina
 - Digital Metadata Manager/Documents Cataloger, State Library of North Carolina
 - Electronic Resources Cataloger, UNC
 - Metadata Librarian, University of Illinois at Chicago
- Additional training on-the-job and through continuing education workshops and preconferences

Ellen's Background

Education

M.A. (Art History and Archaeology), M.L.S., University of Maryland

Professional Work Experience

- Arts Librarian, Penn State University, 2001-2003
- Art Librarian, University of California, Santa Barbara, 2003-2008
 - Selected continuing education activities: CDP/AASLH digitization workshop;
 "Metadata for Digital Collections" online course (Steven J. Miller, UWM SOIS Professional Development Institute)
- Assistant Professor, Library Services, Eastern Illinois University, 2008-present
 - Selected continuing education activities: "Metadata for You & Me" workshop (Sarah Shreeves), CONTENTdm training through CARLI; "Manipulating Metadata: XSLT for Librarians" ALA preconference workshop
 - On-the-job learning/self-teaching

Links to UIC Digital Collections and Documentation

• From UIC website:

http://library.uic.edu/home/collections/images

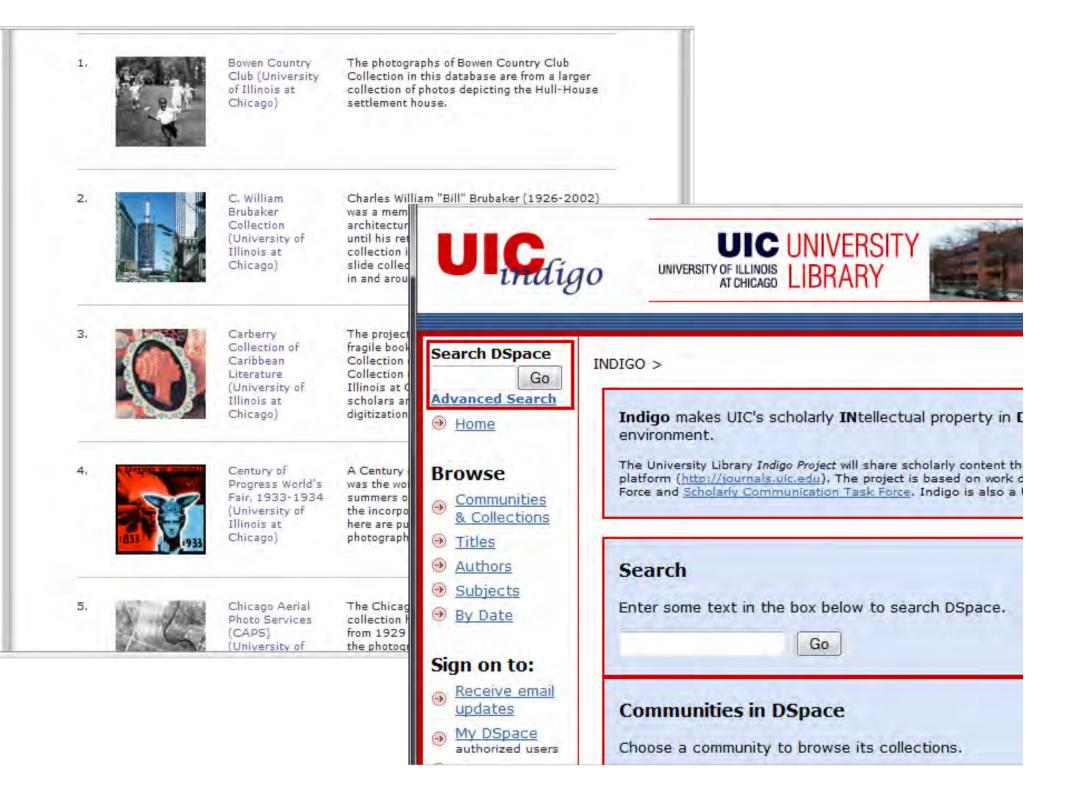
• From CARLI website:

http://bit.ly/9bn1kd

- Indigo (Institutional Repository)
 http://indigo.lib.uic.edu:8080/dspace/
- UIC Images on Flickr

http://www.flickr.com/photos/uicdigital/

• Data Dictionary for CONTENTdm http://wiki.carli.illinois.edu/index.php/Portal:CONTENTdm#Metadata





Monadnock Building

Title: Monadnock Building Variant Title: Monadnock Block

Creator: Burnham and Root Holabird & Roche (Chicago, III.) Description: Undated photograph of the façade of the Monadnock building by C. William Brubaker. Photograph credit: Brubaker, C. William , 1974.

Date: 1889-1891 and 1891-1893 Geographic coverage: Loop (Chicago, III.)

Collection: C. William Brubaker Collection (University of Illinois at Chicago) Repository: University of Illinois at Chicago. Library. [Visual Resources]. Credit Line: Cite as [creator]. [title]. [file name]. [collection]. Rights: University of Illinois at Chicago College of Architecture and the Arts holds reproduction and licensing rights.

File Name: bru001_05_0.jpg

For more images from the collection, visit collections.carli.illinois.edu/cdm4/index_uic_bru.php?CIS...

Title	Monadnock Building
Variant Title	Monadnock Block
Creator	Burnham and Root Holabird & Roche (Chicago, II.)
Description	Undated photograph of the façade of the Monadnock building by C. William Brubaker.
Notes	Photograph credit: Brubaker, C. William, 1974.
Date	1889-1891 and 1891-1893
Geographic coverage	Loop (Chicago, III.)
Community Area Number	32
Subject	commercial buildings office buildings windows
Туре	Image
Form	architecture
View Description	exterior detail, bay windows
Physical Description	35 mm. slide
Collection	C. William Brubaker Collection (University of Illinois at Chicago)
Repository	University of Illinois at Chicago, Library, [Visual Resources].
Citation	Cite as [creator], [title], [file name], [collection]
Rights	University of Illinois at Chicago College of Architecture and the Arts holds reproduction and licensing rights.
File Name	bru001_05_0.jpg
Downloads	Downloads of larger files for this image are available from the C. William Brubaker set in the UIC Library Flickr collections at http://www.flickr.com/photos/uicdigital /sets/72157625021131144/.

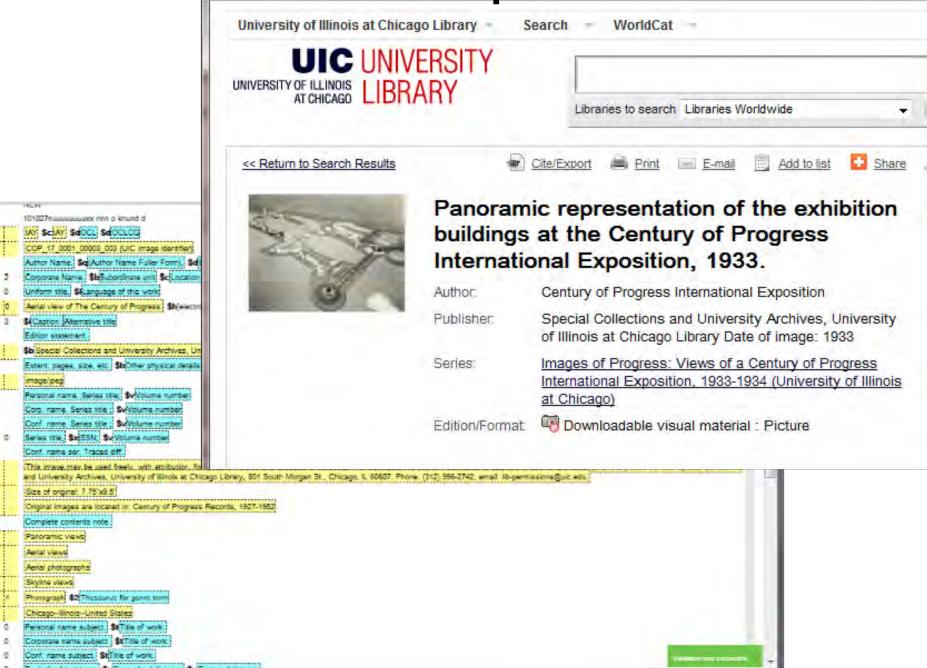


Brubaker Back End

	Field name	DC map	Data type	Large	Search	Hide	Required	Vocab		add field
1	Title	Title	Text	No	Yes	No	Yes	No	move to 💌	edit delete
Z	Variant Title	Title	Text	Yes	Yes	No	No	No	move to 👻	edit delete
3	Other Variant Title	Title	Text	Yes	Yes	No	No	Na	move to 🖵	edit delete
4	Creator	Creator	Text	No	Yes	No	No	Yes	move to 👻	edit delete
5	Description	Description	Text	Yes	Yes	No	No	No	move to 👻	edit delete
6	Notes	Description	Text	Yes	Yes	No	No	No	move to 👻	edit delete
7	Date.ISO	Date-Created	Date	No	Yes	Yes	No	No	move to	edit I delete

	fieldama	litte	Teriest Titls	Other Verient Title	Geostar	Barcriptian	Hater	Beta.150	Dece	Bangemehic .	Gennanity Bras Bunket	Sabiect	Landanda	Les
	Dablis Case	104-	54.	Sid.	Dra.4tm	Destigation	Barteptie	Die-Overd	Dura al Grighand	Carrier and Special		Salaint	Langaba	
	Brukskar matedata fiaid mapping	Take	Parian'i Titla I	Teriest Title 2	Creater and Greater Bale 7- 4. Reserve Jas crightes one de Ghe "architecte". Stunder Gas	Deteriotion	Photographic and Photo Greation Date	Yark Crastina Data	Work Crastine Data	Constry, US State, Sitr, Samewalty Act a Plana Ferrar Jing In Anta Actionary addribury)	Community Area Humber	Sedian 1-7		
	Description	2910-an apriomhte 1934: Literarius an can dha ta dh cùmha ta dh'chaine ch cùmha ta dh'chaine	Phile an mariane d'à e Stàit à làonnam airean dhaota da cùmacasa de chaonna	This as an ignority of the Shile Librarian of the disc in the constants do the	Manacar Internetion Paralametika Am Accelline Habby antioch	Claused when Indentical and a schema Marines as provided An Strate Advances An Strate Advances Marines at at the	Plan producedi Biologia, C Million, Johann Courtee Anni	Alter ar han ar an Alt Mar y Kara ya ya da Ay in yekatik manyet	Den derkler som over In Missephenege op hör dit pröper Rome av	All Nambed - Proved In American Star (Namber) Andre Handward Andre Hannes (Nam- Khang and American American Star (Namber) American Star (Namber) American Star (Namber) American Star (Namber) American Star (Namber) American Star (Namber) American Star (Namber)		General and any weak of an environ environ generation of the Anterpresent of Provi- tionan 2017	Ann genera sidat Sergensa di Alama Angli di Angli Cana Man Sechampi	
	Searchable f	5/0	5/0	5/0	5/0	540		540		2/8	5(8)	2/8		
Ľ	Brours able		and the second second								100 million (1997)			
	Controlled Tocubulary			-	TH				1	lie	1.00	pa.	tw.	
	Hutefquestion.							the Residentiation residences to take it manded	Mie Mannestfachten Ves abareactartate d Seartari	1.1.1.1		Million Concept Million Conception		Terma Terma
ε.		haskers			Bunter out Same	Shekel of the Residue	Flatament outer B	1005-1007	5325-1001	(Impicisonal)		lidenie en co		104
٢.,		Australian Builders		-	Aller and Tallyan		Please us polib I		IQUE-FILMS	1.H specify and		high-rise buildings on		ies_
ь,		Servich Thurston	Fahilus Buildise			illatet at the married			NINE .	(Leners/Churster, 61)		Antoniahuldentan		199
η,		Saco Grace	Archar, Fault, and Kan			Statch of the Geood			30311122	Lana (Chinese, R.)		Maleron halfdage at		100
٤.			Sullaritate an other			Should also Caused			tops-table	(Inservice)		biet was bailings of		194
5	_		Mastarmers World Co	a. Cabalas Heur		Shikeh at the Manhan			2916-1508	Ben Burth Stife (514)	solu (0.1	Helicita Helicita a		les_
		Bageletis Bulling				Slutched the finish)			TYME .	Long (Chicago, M.)		distrimination of a		26.0
L.		Le Salla Hytal				Shereh as the set of the			19015	(milliona, U)		Hed was had de gabe		ies
5			Pamier Sar Links	acore Fulding		Statish at the Paulo			1918-1911	Long (Chicago, IL)		high vice includings, or	tepin.	205
		Wright, Building	A			Standard the Winley			1929-1924	Long (Change, U)	146	Aigh-un balldage as		iria -
85			Riverride Plana			Sector of the Ganach			5424	H-millin Sch. (Chec	and a	tight in herida ge or		104
		Internal Street Bailing Reconstruction Later Share	Web and internet	-		Strucker de mont?			1004-1151	Long (Chinege, fl.)		high rank will ge on		-114
						Statute attached to - 29			1940-1457	Na. in North St. 6. (Chico and I		Net vint sollings		ten
		Franmitary Spatteres	insu			Sketch of the Frence			2244-1242		0	Alghesize balldings, to		200
5		Riberts Balling			D.P. Surdam SCall	Showshing the Rollins			1094-1045	implification, II.1		highwas buildings of		104
2.		Canceranity fam.					Plate and colin E		Poth conture	Othogan (P		Mat This Part and a		LES_
-		Margarine Building	CONTRACTOR OF CONTRACT		Habitid B Bash St Ch	Sherakat the Station			1993-1894	Lang (Chinage, U.)		Algh-imkalidege a		12.8
٨,	-	Play at a typical office	baiding giths Hilly	-			Planate and tradit.		ithe seatter	Shiteogr. III		Helmashalidege et		100
ŧ.	-	The gratte Dall fing				Haussian at the Hory			1002-1022	Long Schicene, R.J.		high-size buildings and		194
		Chieves Weter Imase				Phetersenhaltin Ch			1064	No othersh So to Chin	248,001	Andreal springshould	Latur hadden!	19-4
		McCarthy Building	The Landbid Ballder	-		la dote do taxanensi			1502	Long (Chicago, H)	-	(connectivation		165
P.,	-	Willinghly Boilding	a contract of the second			Underscheiter anb			201	Long (Chinese, H.)	-	Langering and balling		int
			Chicages Watter Warter			Photo-minik at his Ch			2519	Gam (Chesain 31)		Dipfreni-cetrathene:		Lies_
		17th Lawrence We also as They want	TRANSPORT MANY		THE OWNER WATCHING THE PARTY OF	Personal Johnson, 74	the state of the later and the	and and an an	Under -	Carport Chicana, U.S.		Theodornal agreement areas	and the second second	1.0.0

WorldCat Experiment



Future Metadata Projects for UIC

Or, If Kristin had all the Time she Needed...

- Develop descriptive standards to cover collections in all types of repositories
- Perform survey of digital object storage as first step to developing digital preservation standards
- Investigate methods to embed metadata in digital images
- Devote more time to cross-collection searching and ways of sharing metadata and access to images
- Develop methods for keeping metadata up-to-date

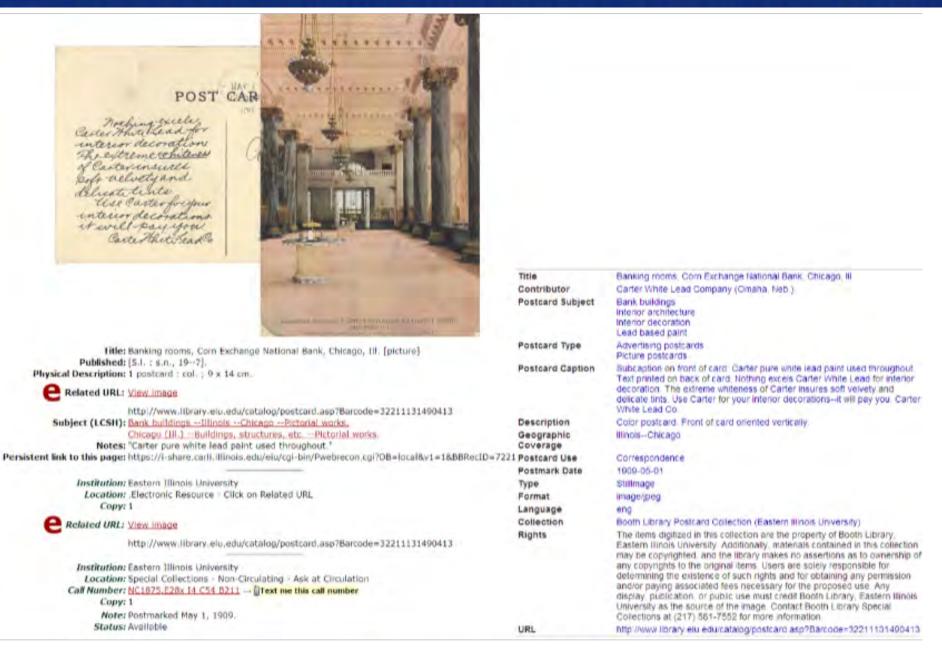
Booth Library Postcard Collection (EIU)

http://collections.carli.illinois.edu/cdm4/index_eiu_postc.php?CISOROOT=/eiu_postc





Booth Library Postcard Collection (Eastern Illinois University)



Booth Library Postcard Collection (Eastern Illinois University)

		ARRENT STATE ARRENT ARRENTARRENT ARRENT ARRENTARRENT ARRENTARRENT ARRENT ARRENT
Title	Illinois Central Subway, Mattoon, III.	
Postcard Imprint	Curt Teich & Co. Railroads	
Postcard Subject Postcard Type		
Description	Picture postcards Color postcard.	
Postcard Series	C.T. American art	
Postcard Numbering		
Geographic Coverage	IllinoisMattoon	8
Туре	Stillinage	
Format	Image/jpeg	
Language	eng	
Collection	Booth Library Postcard Collection (Eastern Illinois University)	
Rights	The items digitized in this collection are the property of Booth Library. Eastern Illinois University. Additionally, materials contained in this collection may be copyrighted, and the library makes no assertions as to ownership of any copyrights to the original items. Users are solely responsible for determining the existence of such rights and for obtaining any permission and/o paying associated fees necessary for the proposed use. Any display, publication, or public use must credit Booth Library. Eastern Illinois University as the source of the image. Contact Booth Library Special Collections at (217) 581-7552 for more information.	r
URL	http://www.library.eiu.edu/catalog/postcard.asp?Barcode=32211131466639	

Booth Library Postcard Collection (Eastern Illinois University)

1 menses also 3 Joseph & and Sabina Moore gear ten acres, the site. and about \$2 8000. toward sreeting this township building 10-DESCHIPTIONS SABILIA POSAL Title Joseph G, and Sabina Moore Township High School Postcard Subject High school buildings Postcard Type Photographic postcards Caption on front of card, Board of Education, C. P. Arbogast, F. L. Weedman, L. R. Murphy, C. O. Gillespie, Jacob Reeser, Postcard Caption Description Black-and-white postcard. Gelatin print on AZO paper. Identified as Farmer City, Illinois building from handwritten notation on back. Geographic Illinois--Farmer City Coverage Postcard Use Handwritten text on back Type Stillimage Format image/jpeg Language eng Collection Booth Library Postcard Collection (Eastern Illinois University) Rights The items digitized in this collection are the property of Booth Library, Eastern Illinois University. Additionally, materials contained in this collection may be copyrighted, and the library makes no assertions as to ownership of any copyrights to the original items. Users are solely responsible for determining the existence of such rights and for obtaining any permission and/or paying associated fees necessary for the proposed use. Any display, publication, or public use must credit Booth Library, Eastern Illinois University as the source of the image. Contact Booth Library Special Collections at (217) 581-7552 for more information. URL http://www.library.elu.edu/catalog/postcard.asp?Barcode=32211131421911

The Little Theatre on the Square in Sullivan (EIU)

http://collections.carli.illinois.edu/cdm4/index eiu theatre.php?CISOROOT=/eiu theatre



Field name	Uniform Title	Title of Show	Opening Date	Closing Date	Cast	Performance Venue	Document Genre/Form	Desc	cription Fe	rmat	Type	Language	Collection		Rights	3			
DC шар	Title	Title- Alternative	Coverage- Temporal	Coverage- Temporal	Subject	Subject	Subject	Desc	niption Fe	miat	Type	Language	Relation		Rights				
Data type	Text	Test.	Text	Text	Text	Test	Test	Text		ext	Text	Text	Text		Text				
Large	No	No	No	No	No	No	No	No	25	2	284	No	No		No				
Search	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No.		Yes	Yes	Yes		No				
Hide	No	No	No	No	No	No	No	No	25	2	No	No	No		No				
Obligation	Required	Rec	Rec	Rec	Opt	Rec	Rec	Opt	E		Required	Required	Required		Requi	ted			
Vacab	No	Yes	No	No	Yes	Yes	Yes	No	N		Ne	No	No		No				
Application guidelines	Deep in this article, add year of penduction in parentheses in end	T-tis of days, transcribed	AUXA-PPEDD AUXA-PPEDD	WYYY-MM-DD WSC-DCF	Every top-billed names only Use form of name as intablished in Lifeway of Congress Name Authority File when applicable Otherwise, use same as found	L-Mrs Theatre on the Spine (Sufferen III)	Theshy pargement	Note autog integr	arsw in pigh, or other faction or he	ano har Marina Per DEDE	Test DEMI Type Vecabulary	N.F.	The Little The Square in Sull History 13th or 	m Enteri	percision other pairs	Repeatured with permittion. For pseudoline to publish, distribute, or otherwise to this material plana contactive rights holder. The Little			
·					in taxent. Porriat in list name, firstname, Separate name, with a considering				ew, add, edit and dex the collection			ul text nearch	ng and cont	rolled voc	ab.lary.	After you b	eve addee	d, chanced, or a	deleted fields,
									Field name	DC II	ар	Data type	Large	Search	Hide	Required	Vocab		add field
								U	Tre	Title		Text	No	Yes	ħ¢.	Yes	No	move to 💌	edt celate
1		0	C D		6	ĸ	1 N	32	The of Show	Title-	Alternative	Text	No	Yes	ho	ho.	Yes	move to 💌	edt celete
2 Palama Garte 3 Bala Ara Ringt	(1958)	he Pajama Cari 1	sening Da Closing Dat C 196-85-25 1958-85-29 1959-85-23 1959-85-28 P	Oard The	e The star programs image The star programs image The star programs image			fiere a	Opening Cate	Cove	inage-	Text	No	ves	No	ho	No	move to 🗙	eds celete
 Summer of Mar. Kitzweit (1999) 	skowka (1963) E	latis Ara Ringini 1 Deniel 1	959-05-23 1959-03-38 959-05-38 1959-07-85 R	Grand That Regard, RayGrand The	al Theater programs in ragio of Theater programs in ragio	pog Text er pog Text er	a The Lade Tel 3 The Lade Tel	Rapes 4	Closing Date.	Cove	rage-	Text	No.	Yes	ka	ko	No	move to M	edit delete
 Stated Prince Say Daring (1) High Bulker Sh 	858) 2	tay thering	859-07-14 (859-07-18.) 859-07-21 (859-07-26.) 859-07-28 (859-08-02.)	aves Ted Gand The	al The mer programme - arragal	peg Test er peg Test er peg Test er	g The Letter Thi	Reat g		Subj		Text	No	Yes	he	ho.	Yes	move to M	edit colete
9 Norghly Mariel 10 Sung of Norvey	tar (1959) P v (1999) 2	lengthy Mariatu 1 leng al Moralay 1	859-83-84 1959-88-89 V 859-83-11 1959-83-14 C	Names Jeff Grand That Notage, Any Grand That	al Disator programs intragat al Theator programs intragat	pag Tant an pag Tant an	a The Little TH	Barr 6	Fertormance	Bub)	205	Taxt	No	Yes	he	NO.	Yes	move to ⊻	edit celete
11 Gentlames Pre 2 Fanny (1959) 3 Seath Pacific (1	anny 1	959-03-18 1959-03-23 959-03-25 1959-03-38 C 950-07-08 1960-07-17 f	Dakee, Dett Grand The	al Theater programe Image/	peg Tein de peg Tein en peg Tein en	a The Little Th	Reive y	Document Genre/Form	Subj	est	Faikt	No	Yes	ħiz	Rtt	788	move to 💌	edit debits
14 Lift Abrer (1960 15 West Side Star	1 1	/I.Acrest 1 Vest Sicie Story 1	900-03-02 1900-08-07 900-03-09 1900-08-14	Grand The Grand The	el The star programa integer el The star programa integer	peg Tent er peg Tent er	a The Lette Th	lant H	Description	Die	ription	Test	No	Yes	he	hn	No	move to 🐋	edd J celate
16 Calouse (1990 17 Redition (1990	P F	Indiacae 1	90-83-15 190-83-21 V 90-83-23 1900-83-23	Grand The	of The most programs in maga-	pag Tent er pag Tent er	a The Late Th	Royan M.	transcription	Dates	-iption	Pull Test Seat	ch. Vau	Yes	8.m	Rit .	No	move to 💌	with I declare
18 Take My Alang 19 Bagadone (195 20 Falmi Your Viel	1 1	telgavlog e 🕴	851-07-07, 4961-07-46.0 851-07-18, 1981-07-21 H 851-07-28, 1981-07-28 H	tentral, Jac Grand The	al The most pangrament and age		g The Little Th	Begra 11	I Formak	*um	at	Inst	No	Yan	Rei	Rsi	No	move to 💌	adb databa
21 Eleanne Gel (* 22 Marz Widow C	561) E	Roomer Orl 1	HST-02-25 THOT-02-28 P HST-08-01 THOT-08-05 P HST-08-08 1901-08-12 V	lemiton, MiGrand The	al The abor programs in rage."	pag Tant ar pag Tant ar pag Tant or	2 The Late Th	flager 13		Type		Tasti	No	Vuie	ħu.	Ru.	No	move to M	add awide
23 Arything Ooks 24. Figure Dount Gr	(1995) /	Wathing Goes 19	61 09.15 1961-08.20 961-09-22 1961-09.27	Grand That	at The attor programs. Imagan	peg Text er	3 The Little TPI	Repre 14 Repre	2 Language	La g	uage	Taxt	No.	Yest	he	Nu	No	move to M	adi j salate
25 Tuesel of Love 1 25 Glass Menager	19031 1	the Tunnel of Lo. 1	52-05-26 1962-07-01 0 52-07-03 1962-07-88 P	bracker, EcGrand The	M The star pangrame (vage)	peg Test er	2 The Lase The	Republika	Collection	Real	10/1	Tax	NO.	Yes	hu.	K0	No.	move to M	adit aulate
27 Oldahornal (156	(2)	Adatamat 1	M2-07-24 1902-07-29 / M2-07-31 1902-08-15 V	where, Per-Grand The	a Theater programs awage	pag fant ar	a The Lade Th	len: 14	Rights	Aught		Text	No.	he	he	he	No.	mave to M	ed i Laelaka
28 Oypey (1963) 29 Mapio Mon (19 30 Henry (1963)	42) T	Talifurpic Man 1	HQ-03.07 1962-09-19 V HQ-03.07 1962-09-19 V HQ-05-05-18 1963-05-21 0	Varian Jul Orand Tax	of The after programs invaging	peg Text or peg Text or peg Text or	a The Lette TE	Roune LE	File 9 ac	Form	at-E-tont	Text	No	ho	he	he	No.	mave ta M	adk calou
11 Grane Chore	(1853) 0	anter Charte 1	NS-47-82 18(3-87-87-6 NS-67-83 18(3-87-14-1	Splat Hers Little The B	re The steep paragrame in a second seco	peg teat er peg teat ve peg teat er	S. The Lade Tri	Reprie 16	Emage Resolut	en form	at-E-tent	Text	No	ha	he	he	No	mal/e ta 🚿	edit celste
33 Carnelal (1983) 34 Universide Ver	ty Draves (1963)	Cambol 4 Far Uno etiakdo (1	NO-07-16 1963-07-26 NO-07-38 1963-08-11 P	Life Des	n Dealer programe integer Disaler programe integer	pag Test ar	8 The Long The Bar The Long The	Barr 17	The second second	Form	at-Extent	Text	No	ha	he	he	No.	move to M	edit celete
36 Dear Rush (195 36 Teedor Trap (19	163) 7	To Tendor Trap 1	963-03-27 1963-03-04 6 963-03-03 1963-03-28	Lit's They	n Themer programe image.	peg Test er	The Lane Tri	Baper 18	PDF version	4076		Tast	No	80	he	he	No	melle te: M	ed (] celos
77 Nine Ger (1954) 30: Se la Gold Ced	Fier (1954) 1	te Sale Gald C 1	961-05-07 1961-05-11 P 961-05-23 1961-05-28 N	liller, Manif. He These	te Themer programe i tragal	pag Teirt er pag Teirt er	g The Late Th	Rapp 10	Directory Nam	e Iden	fier	Text	No.	he	Yes	he	No	mave ta. M	adk poloto
 Stund of Music 40 My Fair Leity (41 Happing) Years 42 Lo and Behmin 	1964) B (1964) 7	To Pageneral Yo. Y	954-05-38 1964-07-12 K 954-07-14 1954-07-28 K 954-08-11 1954-08-18 h 954-08-18 1954-08-28 k	Step. Batteristic Des	n Theater programs image In Theater programs integer	pag Text en pag Text en pag Text en pag Text en	a The Letter Tri a The Letter Tri	Barn Barn	Pauld manne	DE N	nap	Data type	Large	Suarch	Hide	Required	Vocab		add field
 Grave Blue Yo Ready When Y Kep of Houris Banday in Inter- Banday in Inter- Banday in Inter- 	ar How (1955) 7 Sui Ave, C.B. (1955) 4 (1985) 8 York (1965) 8	Tame Blow You, 1 Tamby When Yo. 1 Tang of Hearts. 1 Tambey 1 Fam. 1	853 25 25 25 26 282 283 28 28 28 28 28 28 28 28 28 28 28 28 28	Sing Jook Life They Arise, Kath Life They New you Dillife They Convey, Gallife They	r Theates pargence involution to Theates pargence, craga- to Theates pargence, integer to Theates pargence, integer	prog Tout or prog Tout or prog Tout or prog Tout or prog Tout or	3 The Lade Tel 1 The Lade Tel 2 The Lade Tel 3 The Lade Tel 3 The Lade Tel	Bejandian Regendian Regendian Regendian	ed Filp, Joseph Richel, J. ad Filp, Joseph Richel, M. ad Filp, M. ad Filp, Joseph R	18.0 19.7 19.3									

Metadata projects at NUL

- Fedora repository used to house images, EAD finding aids, and books
- Digital images include maps, photographs, posters, and airline menus. Soon will include art slides and other images.
- Fedora accepts any metadata schema or content type
- Descriptive metadata used includes:
 - MARCXML, MODS, Dublin Core, EAD, VRA Core
- Every digital object has a description in whatever schema is appropriate for its type and a MODS record used for cross collection searching
- Many digital images and books were cataloged first in MARC
- Finding aids cataloged in Archon by University Archives or Special Collections staff; Bib. Services catalogers provide authority work and assign subject headings

The Humphrey Winterton Collection of East African Photographs: 1860-1960

About the Collection

The Collection

Winterton in the Classroom



NORTHWESTERN UNIVERSITY LIBRARY

NORTHWESTERN UNIVERSITY LIBRARY





MAULL & C?

Copyright 1874 PICCADULY 88. CHEAPSIDE



ERITREA

Gegypten Sudan 10

RICORDO



 4 Views in Abyssinia 5 Groupe de femmes et enfan 6 South Africa to Egypt via the 7 Abyssinia 8 British East Africa British East Africa Front cover HRH the Count of HRH the Count of HRH the Count of HRH the Count of Building in Momba Page 5 Uganda Railway Train static African an African, As Uganda Railway Entebbe : Mrs. Ha Uganda, Mr. Stan Entebbe, Uganda Page 11 Page 13 On the road from 	Album: 1 Title: British East Africa Dates: 1900-1920 Title from inventory: H.R.H. the Count of Turin in British East Africa & H.R.H. Collector: Lieutenant 'Lidy' Inglis Abstract: The Count of Turin's safari through British to German East Africa. Object ID: 8-1 Languages: Album is captioned in English Physical description: 1 album, 35 p., 17 x 23 cm. Recent half morocco, brown cloth sides, g Found in: British East Africa (Group 8) Scope and Contents: Photographs of the Count of Turin and his traveling party through British East Africa to C Subjects: Leggett, Ada-Portraits Leggett, Edward Humphrey Manisty, Sir, 1871-1947Portraits Alba, Jacobo Stuart Fitz-James y Falco, duque de, 1878-1953Portraits EuropeansAfrica, EastPortraits AfricansPortraits Uganda-Description and travelPictorial works Entebbe (Uganda)Description and travelPictorial works KenyaDescription and travelPictorial works KenyaDescription and travelPictorial works
--	---

<c02 level="recordgrp"> <did> <container type="Album" label="Album">1</container> <unittitle encodinganalog="245\$a" label="Title">British East Africa</unittitle> <unitdate type="inclusive" normal="1900/1920" encodinganalog="245\$f" label="Dates">1900-1920</unitdate> <unittitle encodinganalog="246" label="Title from inventory">H.R.H. the Count of Turin in British East Africa & amp; H.R.H.</unittitle> <origination label="Collector"> <persname encodinganalog="100\$a" role="Collector" normal="Inglis, Lidy" source="Icnaf">Lieutenant 'Lidy' Inglis</persname> </origination> <abstract encodinganalog="520" label="Abstract">The Count of Turin's safari through British to German East Africa.</abstract> <unitid label="Object ID">8-1</unitid> <langmaterial encodinganalog="546" label="Languages">Album is captioned in <language langcode="eng" encodinganalog="041">English</language> </langmaterial> <physdesc> <extent encodinganalog="300" label="Physical description">1 album, 35 p., 17 x 23 cm.</extent> <physfacet encodinganalog="500">Recent half morocco, brown cloth sides, gilt lettering to spine.</physfacet> </physdesc> </did> <scopecontent encodinganalog="520"> <head>Scope and Contents</head> Photographs of the Count of Turin and his traveling party through British East Africa to German East Africa, between 1900 and circa 1920. </scopecontent> <controlaccess> <head>Subjects</head> <persname encodinganalog="600\$av" source="lcnaf">Leggett, Ada--Portraits</persname> <persname encodinganalog="600\$av" source="Icnaf">Leggett, Edward Humphrey Manisty, Sir, 1871-1947--Portraits</persname> <persname encodinganalog="600\$av" source="Icnaf">Alba, Jacobo Stuart Fitz-James y Falco, duque de, 1878-1953--Portraits</persname> <subject encodinganalog="650\$azv" source="lcsh">Europeans--Africa, East--Portraits</subject> <subject encodinganalog="650\$av" source="lcsh">Africans--Portraits</subject> <geogname encodinganalog="651\$axv" source="lcsh">Uganda--Description and travel--Pictorial works</geogname> <geogname encodinganalog="651\$axv" source="lcsh">Entebbe (Uganda)--Description and travel--Pictorial works</geogname> <geogname encodinganalog="651\$axv" source="lcsh">Mombasa (Kenya)--Description and travel--Pictorial works</geogname> <geogname encodinganalog="651\$axv" source="lcsh">Kenya--Description and travel--Pictorial works</geogname>

</controlaccess>

Resources for Metadata Librarians

- ALCTS (Association of Library Collections and Technical Services)
 - Metadata Interest Group:

http://www.ala.org/ala/mgrps/divs/alcts/mgrps/ig/atsnrmc.cfm

Continuing Education:

http://www.ala.org/ala/mgrps/divs/alcts/education/index.cfm

Dublin Core Conference: http://dublincore.org/

Resources, Continued

Readings

- Han, M.J., and Patricia Hswe. "The Evolving Role of the Metadata Librarian." *Library Resources & Technical Services* 54.3 (2010): 129-141.
- Chapman, John W. "The Roles of the Metadata Librarian in a Research Library." *Library Resources & Technical Services* 51.4 (2007): 279-285.

Online Publications

- Code4Lib Journal
 <u>http://journal.code4lib.org/</u>
- D-Lib Magazine
 http://www.dlib.org/

Blogs

- Metadata Matters (Diane Hillmann)
 http://managemetadata.org/blog/
- Coyle's InFormation (Karen Coyle)
 http://kcoyle.blogspot.com/
- Metalogue (OCLC, hosted by Karen Calhoun)
 http://community.oclc.org/metalogue/
- Metadata Blog: Blog of the ALCTS Metadata Interest Group
 http://www.alcts.ala.org/metadatablog/
- Planet Cataloging (aggregator)
 http://planetcataloging.org/

Listservs

Metadatalibrarians listserv
 <u>metadatalibrarians.monarchos.com</u>