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MAPping Metadata at a Public University

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https://digitalcommons.unl.edu/library_talks/158

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MAPping Metadata at a Public University

October 14, 2019

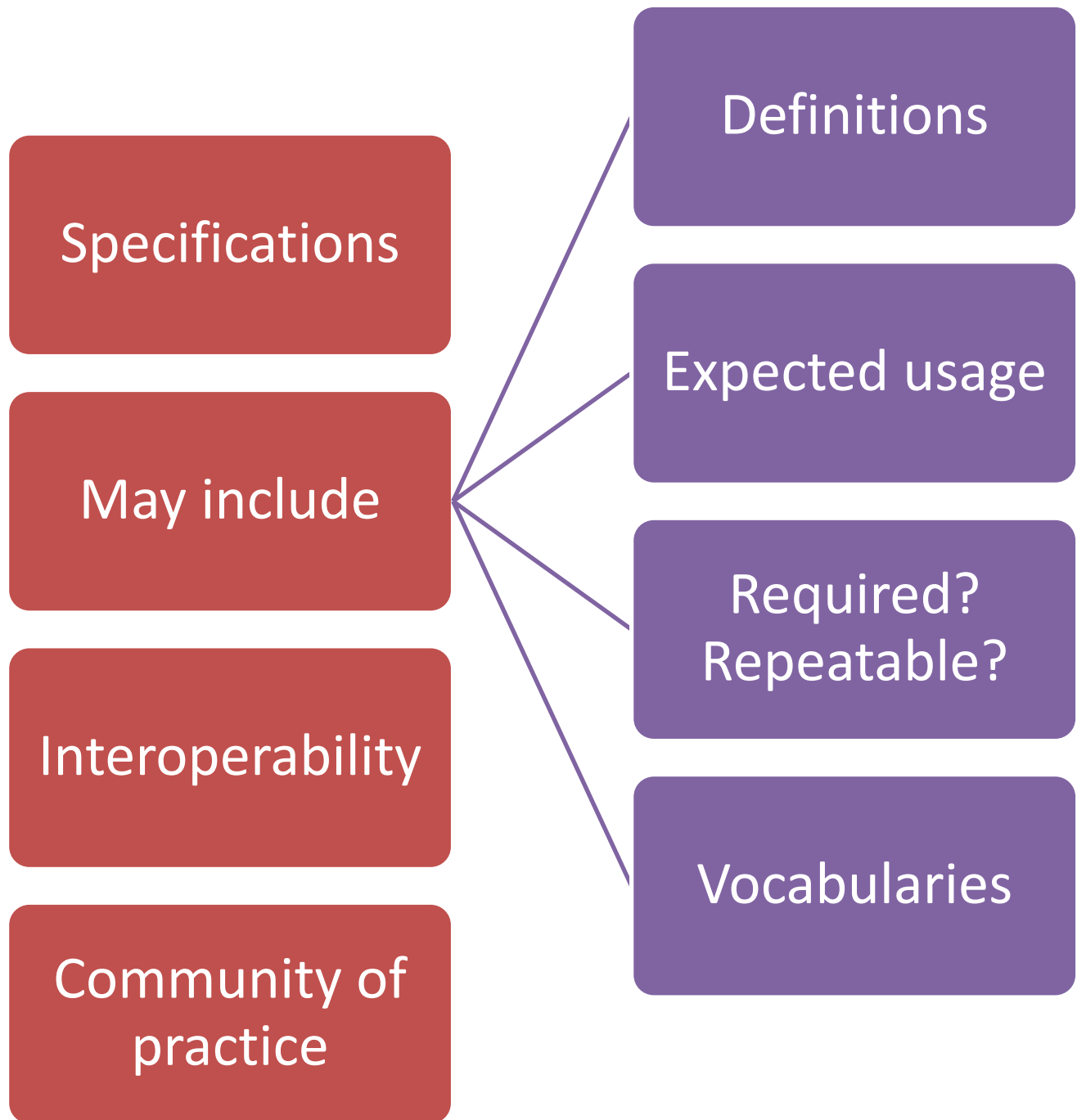
Blake Graham

Harriet Wintermute

Margaret Mering

And Jenny Thoegersen, project contributor

Metadata Application Profiles (MAPs)





Label	Definition	Input Rules	CONTENTdm Settings	Crosswalk
Descriptive Metadata				
<p>Title</p>	<p>"The name given to the resource. Typically, a Title will be a name by which the resource is formally known." (DCMI)</p>	<p>Letter: Letter from [sender] to [recipient] regarding [subject]</p> <p>The subject statement at the end is optional. If included, Metadata Specialists should utilize a variety of words for "regarding," such as: about, concerning, in reference to, etc.</p> <p>Serials (e.g. newsletters): [title of newsletter], Vol. [volume number], No. [issue number], [issue date]</p> <p>If volume and/or issue numbers are in Roman numerals, Use Arabic numerals (e.g. 1, 2, 3...) in titles and repeat title with Roman numerals in Alternative Title field.</p> <p>Book: title from the catalog record</p> <p>Other formats: Devise a brief descriptive title that uniquely identifies the resource (e.g. names of</p>	<p><i>DC Map:</i> Title <i>Data Type:</i> Text <i>Search:</i> Yes <i>Hide:</i> No <i>Required:</i> Yes <i>Vocab:</i> No</p> <p><i>Required in UHDL Field Template:</i> Yes</p>	<p>DC: Title MARC: 245 \$a 245 \$b</p>



<https://dp.la/info/developers/map>



DIGITAL PUBLIC LIBRARY
OF AMERICA

[Hub Network](#) > [Metadata Application Profile](#)

Projects

Hub Network

Membership Program

Documentation and Tools

• **Metadata Application Profile**

Our Hubs

Prospective Hubs

Developers

Education

Community Reps

Ebooks

About DPLA Pro

Events

Contact Us

Metadata Application Profile

Download the MAP

The DPLA Metadata Application Profile (MAP) is the basis for how metadata is structured and validated in DPLA, and guides how metadata is stored, serialized, and made available through our API in JSON-LD. The MAP was originally developed in 2012 and has been updated occasionally since. It is based on the Europeana Data Model (EDM), and integrates the experience and specific needs for aggregating the metadata of America's cultural heritage institutions. The current version is 4.0.

[Download the DPLA Metadata Application Profile, version 5.0.](#) [↗](#)

New to the DPLA MAP? Read our [Introduction to the DPLA Metadata Model](#) [↗](#) to get started.

The previous versions of the MAP can be accessed below:

- [DPLA MAP v3.0](#) [↗](#)
- [DPLA MAP v3.1](#) [↗](#)
- [DPLA MAP v4.0](#) [↗](#)



<https://confluence.cornell.edu/display/mwgweb/CUL+Metadata+Application+Profiles>



Cornell University



Confluence Dashboard Spaces ▾




Metadata Working Group -
Cornell University Library

 **Pages**

 **Blog**

SPACE SHORTCUTS

 Meeting notes

PAGE TREE

- [About the Metadata Working Group Ste](#)
- > [Meeting notes](#)

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CUL Metadata Application Profiles

Created by Disabled Account Christina Harlow, last modified by Steven Folsom on Oc

- [What are Metadata Application Profiles \(MAPs\)?](#)
- [CUL-Used or Important Community-Used MAPS](#)
 - [CUL MAPs](#)
 - [Community MAPs](#)
- [Creating a MAP - Guidelines and a Generic Template](#)
 - [First Steps](#)
 - [Generic Template](#)



<https://github.com/ubc-library/metadata-application-profile/wiki>

ubc-library / metadata-application-profile

<> Code

1.2 Alignment with other data models

The OC MAP is built on the foundations of the DPLA Metadata Application Profile (DPLA MAP) and the Europeana Data Model (EDM). For additional information, OC MAP users are encouraged to refer to the [DPLA MAP](#) and the [EDM](#).

1.3 Namespaces

The OC MAP incorporates classes and elements from the following namespaces.

Prefix	Namespace	Description
bibo	http://purl.org/ontology/bibo/	The Bibliographic Ontology

More Examples of MAPs

- Europeana Data Model:

<https://pro.europeana.eu/page/edm-documentation>

- Dublin Core Metadata Element Set (ver1.1):

<http://dublincore.org/documents/dces/>

- Dublin Core Application Profile from Mountain West Digital Library:

https://mwdl.org/docs/MWDL_DC_Profile_Version_2.0.pdf



CONTENTdm®




Ecosystem of UNL
Digital Collections

Rosetta



Our Goals

Baseline standard for
descriptive metadata of the
University Libraries' repositories



Document and share knowledge
about metadata application
practices to improve the
discoverability and
interoperability of our
resources

	A	B	
1	Label	Definition	Repeat
2	creator/photographer	An entity primarily responsible for the creation of the content	No
3	title	A name given to the content	No
4	date	A point or period of time	No
5	identifier	A name or number that identifies the content	No
6	subject	Thematic content	No

	A	B	
1	Label	Definition	Repeat
2	Title	title of publication	No
3	Authors	responsible for	Yes
4	First Advisor	Dissertation/Thesis	No
		Dissertation/Thesis	No
		Dissertation/Thesis	No
		Identifier for research	No

	A	B
1	Label	Definition
2	Alternative Title (DCTERMS)	Alternative name of the content
3	Contributor (DC)	Researchers or other individuals
4	Created (DCTERMS)	Date data was generated
5	Creator (DC)	Person/people responsible for the content
6	Date Submitted (DCTERMS)	Date submitted to the repository
7	Description (DC)	Description of the content

Order out of Chaos

UNL MAP Core Elements

Creator /
Author

Date

Identifier

Title

UNL MAP Components

Label

- Public display

Required

- Yes / No / If applicable

Repeatable

- Yes / No

Definition

- Provided by repository or schema

Usage

- Description of how the element is input or used

Examples

- Real-life exemplars

Crosswalk

- Mapping to other schema



<https://unl.libguides.com/map>

UNIVERSITY OF NEBRASKA-LINCOLN



[UNL Libraries](#) / [Subject & Course Guides](#) / [UNL Metadata Application Profile](#) / [Home](#)

UNL Metadata Application Profile: Home

Metadata Application Profile for repositories test page.

Home

Core Elements

Archives

Data Repository

Digital Commons

Image & Multimedia

MAP Resources

Welcome

This libguide was prepared by an ad-hoc working group within the University of Nebraska-Lincoln Libraries. The purpose of the working group was to draft a metadata application profile (MAP) identifying all current data structures (e.g., MODS, MARC 21, Dublin Core, VRA Core), content or value standards (DACS, RDA, LCSH, TGN), and locally-defined rules for describing resources that are curated and preserved by the University Libraries. While additional metadata creation may be necessary in some scenarios, this guideline identifies the baseline standard for descriptive metadata in the University Libraries' four repositories -- Archives & Special Collections, DigitalCommons@UNL, UNL Data Repository, and UNL Image & Multimedia Collections. The first version of this MAP was completed in September 2018.

Explanation of Table Components

Label	Commonly assigned display name for the field.
Required	If applicable: If the data is known, field must be included.

Digital Commons



<https://digitalcommons.unl.edu>

Powered by

- bepress

Established

- 2005

Total Papers

- 107,543

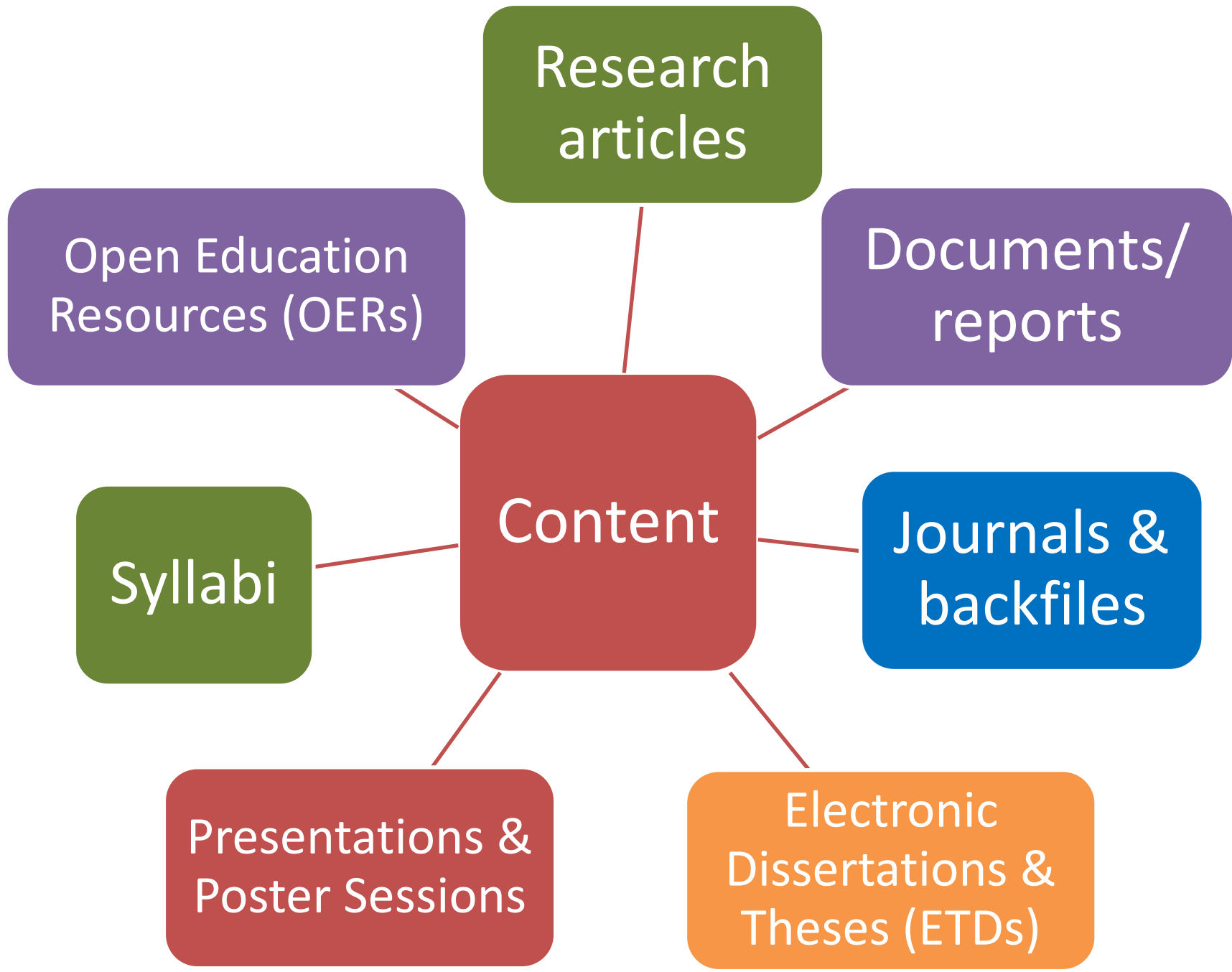
Downloads

- 58,194,643

Annual Downloads

- 6,879,657



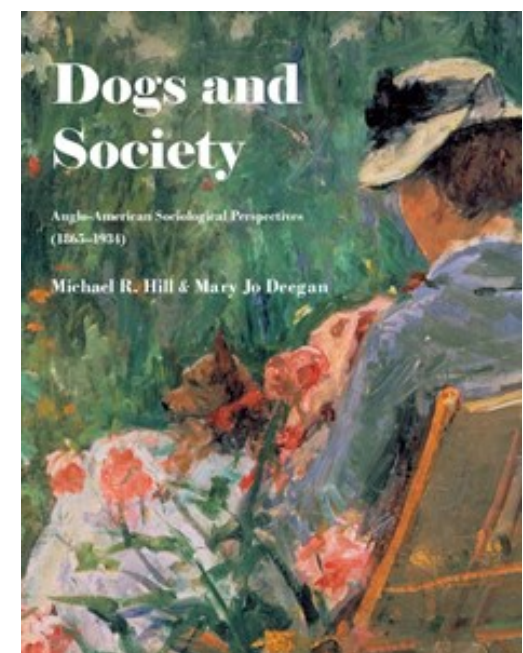
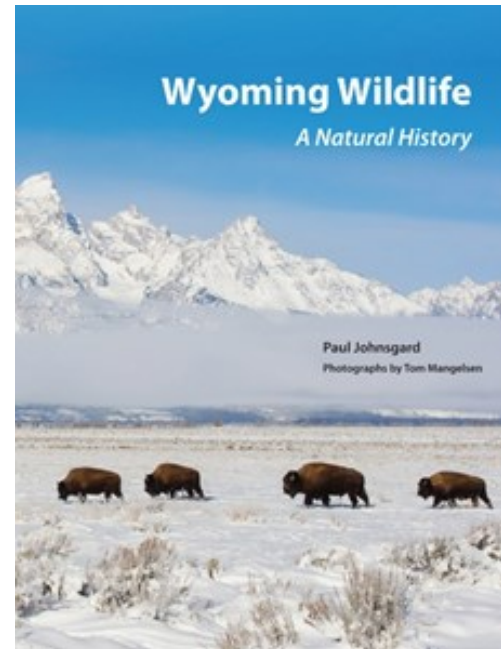
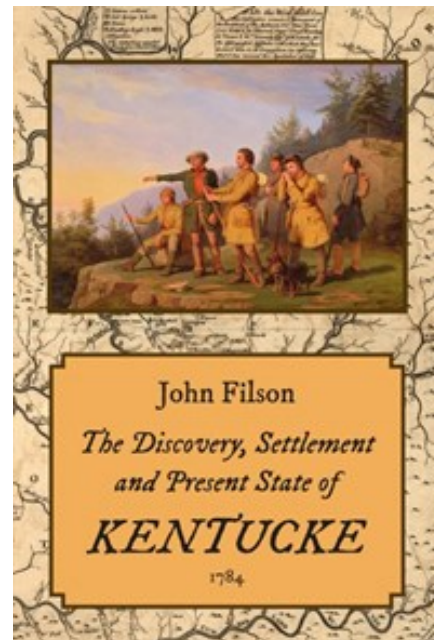


Elements in Digital Commons

- Collections have title, authors, ORCID iDs, Date of this Version, Keywords, Disciplines, Citations, Comments, Abstracts as elements
- ETD collections have Advisor (Adviser) as an element
- Keywords and Disciplines are not part of the public display

Zea Books

- Monograph imprint of UNL Libraries
- 77 books to date
- Free online books (PDF)
- Print-on-demand paperbacks



Elements for Zea Books

- The elements for this collection are: title, authors, description, ISBN, Publication date, Publisher, City, Keywords, Disciplines, Comments, Recommended Citation
- Keywords and Disciplines are part of the public display
- ORCID iD is not an element

Label	ORCID IDs
Required	No
Repeatable	Yes
Definition	Identifier for researchers
Usage	Primarily Used for UNL authors. Used for other authors when listed on publication. Used to help distinguish author names; hotlinked to ORCID record.
Examples	George L. Graef [hyperlinked]
Crosswalk (Schema mapping)	MARC: Authority 024; DC: identifier

Evaluating the Effectiveness of Tools for Online Database Instruction

[Yvonne Mery](#), *University of Arizona*

Follow

[Erica DeFrain](#), *University of Nebraska-Lincoln*

Follow

[Leslie Sult](#), *University of Arizona*

Follow

[Elizabeth Kline](#), *University of Arizona*

Follow

ORCID IDs

 [Erica DeFrain](#)

Date of this Version

2014

Citation

Mery, Y., DeFrain, E., Kline, E., & Sult, L. (2014). Evaluating the Effectiveness of Tools for Online Database Instruction. *Communications in Information Literacy*, 8(1), 70-81.

Online: <http://www.comminfolit.org/index.php?journal=cil&page=article&op=view&path%5B%5D=v8i1p70>

Comments

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Abstract

The intent of this study was to evaluate the Guide on the Side (GotS), an online learning tool developed by the University of Arizona Libraries, and a screencast tutorial

Image & MultiMedia Collections

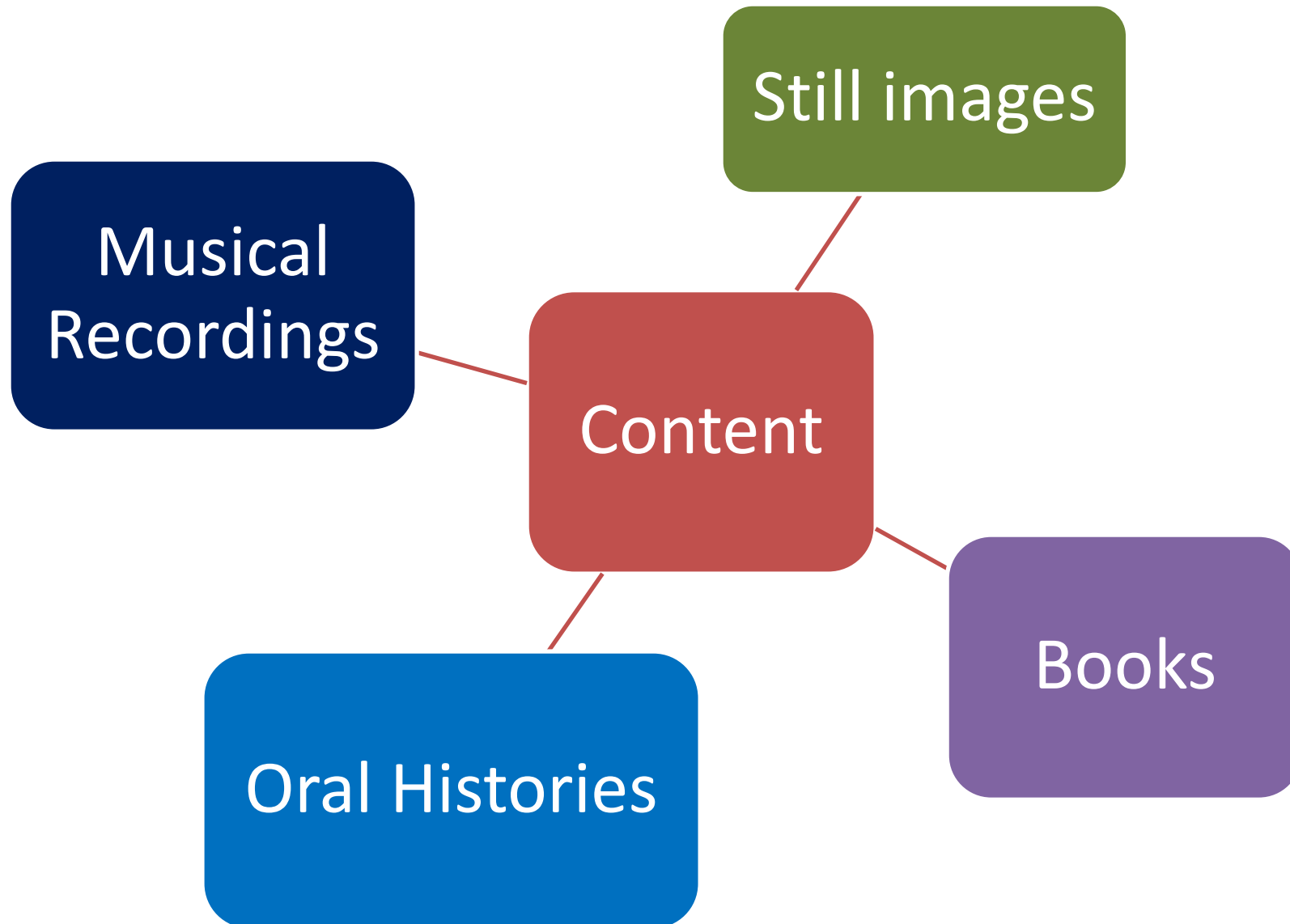


<https://mediacommons.unl.edu>

Powered by	• Luna (and ContentDM)
Established	• 2007
Total Collections	• 118
Total Items	• 346,308
Page Views*	• 70,000
Unique Page Views*	• 50,000



*2018



Elements in Image & MultiMedia Collections

- Created within the Libraries as well as by outside agencies
- Different needs and purposes for collections
- Customization of Elements
 - Variation in the number of elements
 - Unique elements
 - Different labels for identical elements (e.g., Author; Artist/Creator; Photographer)

COLLECTION NAME:

Ceramics (Art and Art History
Department Images)

Record ▼

Artist/Creator (1):

De Morgan, William, 1839-1917

Artist/Creator (1).Nationality:

British

Artist/Creator (1).Role:

Ceramicist

Title/Caption:

Dish

Technique/Process:

Ceramics

Description of View:

Overall view of inside of dish

Period:

Modern

Century:

19th century

Style of Work:

British Arts and Crafts

School:

Arts and Crafts

Subject:

Ceramics (objects) ;Pottery,
European ;Ceramics (objects)
;Pottery, British ;Pottery -- 19th
century ;Ceramics (objects) ;Pottery,
(objects) ;Vessels ;Dragons

Collection Information:

Collection administered by Visual
Resources manager, Architecture
Library (402) 472-1193

**Art History Collection Inv.
Number:**

Forde_161

Image.Publisher:

University of Nebraska-Lincoln

Filename:

1264.JPG

Title:

1892 BL No. 1 proof gun

Subject:

Spanish-Cuban-American War, 1898
;Batteries (Ordnance) ;Weapons

Date:

March 9-15, 2005

Description:

Model 1892 Breechloading Cannon of the type used by U.S. artillerymen during the battles. This gun, used as a memorial, is marked No. 1 Proof Gun for the improved breech system

Contributors:

Scott, Douglas D.

Creator.Digital Image:

Center for Digital Research in the Humanities

Type:

Color Photograph

Format:

JPEG

Identifier:

416

Collection.Information :

Collection administered by University of Nebraska Center for Digital Research in the Humanities, (402) 472-4547

Collection:

Cuban Battlefields of the Spanish-Cuban-American War

Digitization:

RGB; Nikon E995

Image File Name:

DSCN0416.JPG

Label	<p>Creator</p> <p>Author</p> <p>Photographer</p> <p>(Etc.)</p>
Required	If applicable
Repeatable	Yes
Definition	An entity primarily responsible for making the resource (DCMI).
Usage	<p>Provide name(s) of person, family, or corporate body responsible for making the resource. Prefer authorized form from a controlled vocabulary such as:</p> <ul style="list-style-type: none"> • Library of Congress Name Authorities (LCNAF) • Getty Union List of Artist Names (ULAN)

Archival Collections



<https://archives.nebraska.edu/>



Collections Management System

- ArchivesSpace

Powered by

- Lyrasis

Established

- 2015

Holdings

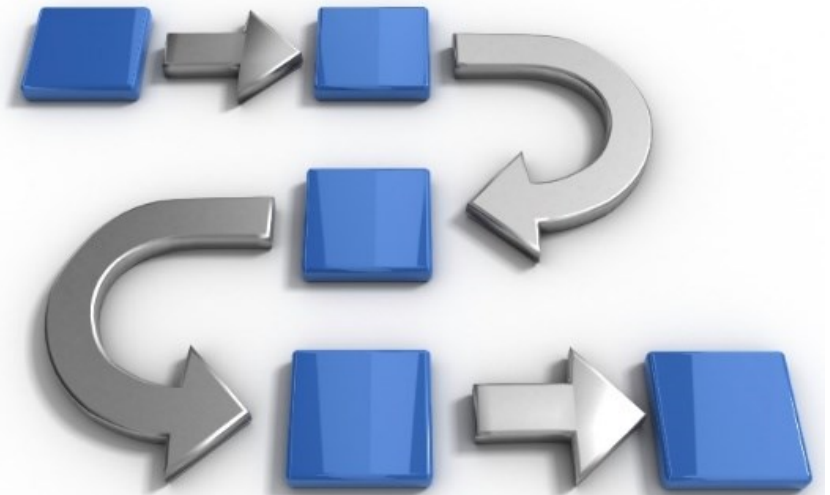
- 21,600ft 2,800+ Collections

Digital Files

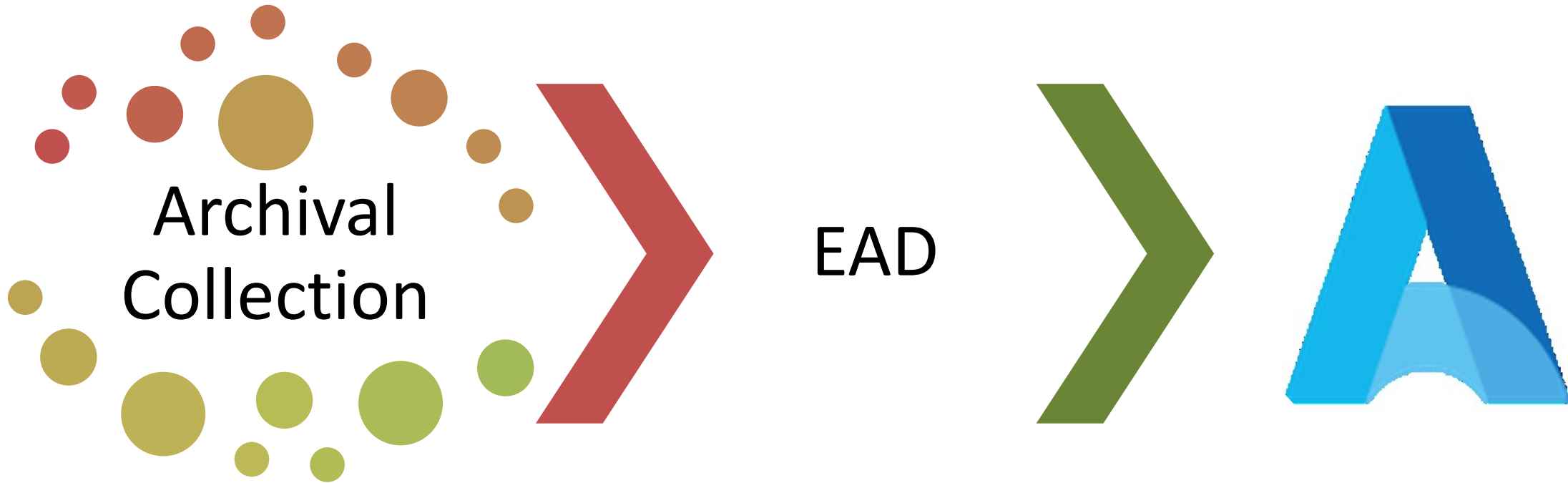
- 700,000 40TB

Archives Team & Practices

- Staffing: 6 FTE, 10 students
- 5 Different Areas of Metadata
- Standards:
 - Schemas: EAD, EAC-CPF, Dublin Core, Local
 - Value Standards: DACS
 - Authorities: LCSH, TGN
- Total *possible* elements available: ?
- Total *active* elements in use: 15



Archives Metadata Workflow



Metadata Creation

New Resource

Resource

Basic Information

Title *

Identifier *

Level of Description *

Resource Type

Collection

Language

English

Publish?

Restrictions Apply?

Repository Processing Note

* Dates



Label *

Creation

Expression *

Describe the date or date range

User View in ArchivesSpace

A. E. Bennett, Psychiatry Papers

 **Collection** Identifier: RG-20-11-01

Archives & Special Collections, University of Nebraska-Lincoln Libraries | A. E. Bennett, Psychiatry Papers

[Collection Overview](#) [Collection Organization](#) [Container Inventory](#)

Scope and Contents

The Bennett papers document roughly the fifty years of Bennett's academic career and his research and publications related to his interests in neuropsychiatry, alcoholism and its effects on the brain, and the use of curare as medicine. Documents include correspondence, exhibit photographs, articles written by Bennett and materials associated with his professional activities.

Dates

1926-1978

Creator

- Bennett, A. E. (Abram Elting), 1898-1985 (Person)

Extent

5.00 Boxes

[Expand All](#)

[Additional Description](#)

Related Publications

Bennett, A.E. and Avis B. Purdy. Psychiatric Nursing Technic. Philadelphia, F. A. Davis Company, 1940.

Archives Metadata in Libguide

Label	Collection
Required	Yes
Repeatable	No
Definition	A related resource (DCMI).
Usage	The name or title of the broader collection that a specific resource is associated with. Values are constructed using Describing Archives: A Content Standard (DACS).
Examples	James M. Reinhardt, Sociology Papers Course Descriptions, English Department Records

Research Data Management Services



<https://dataregistry.unl.edu/>

Preservation Repository

- Rosetta

Powered by

- Ex Libris

Established

- 2014

Holdings

- 600 Data Sets

Digital Files

- 1700 Formats



Data Repository (Rosetta)

Label	Alternative Title (DCTERMS)
Required	No
Repeatable	No
Definition	Alternative name or subtitle for dataset.
Usage	Depositor-supplied.
Examples	First Phase Data

Data Deposits



<https://dataregistry.unl.edu/>

UNLDR

University of Nebraska-Lincoln Data Repository

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[CONTACT](#)

Search UNLDR...

SEARCH

Submitting Data

UNL researchers can submit their inactive datasets to the UNLDR for archiving and sharing purposes. Data will be preserved on UNL Libraries servers and backed up locally and remotely on a regular schedule. Upon acceptance, datasets will be provided with a unique identifier (DOI), and will be discoverable through the UNLDR and Libraries' Encore search interface (following any embargo period, if applicable).

Submit data

Dublin Core Entry in Rosetta



Rosetta Deposit

Home

Descriptive Information

Collection

* Title

* Creator

Organization

Description

Data type

Data Format

Keyword

Identifier

DOI/ARK

User View

org/licenses/by/1.0.

pers from Chronicling
PG, cut up into overlapping
sified based on these image

Descriptive Information

▼ Aida NEH Start-Up Grant Data, ...

Creator : Lorang, Elizabeth, Leen-Kiat Soh, Maanas Varma Datla, Spencer Kulwicki


Date : 2017-04-18

Description : Image snippets and analysis files for the Aida team's case study of poetic content in digitized newspapers from Chronicling America, covering the period 1836-1840. Images were downloaded from Chronicling America as JPEG2000, converted to JPG, cut up into overlapping image snippets, and processed with various blurring algorithms. Feature values were extracted and images were classified based on these image snippets. See <http://www.neh.gov/files/grants/universit> and <http://digitalcommons.unl.edu/cdrhgrant>

Format : JPG, CSV, ARFF, TXT

Publisher : University Libraries

Subject : image analysis, image





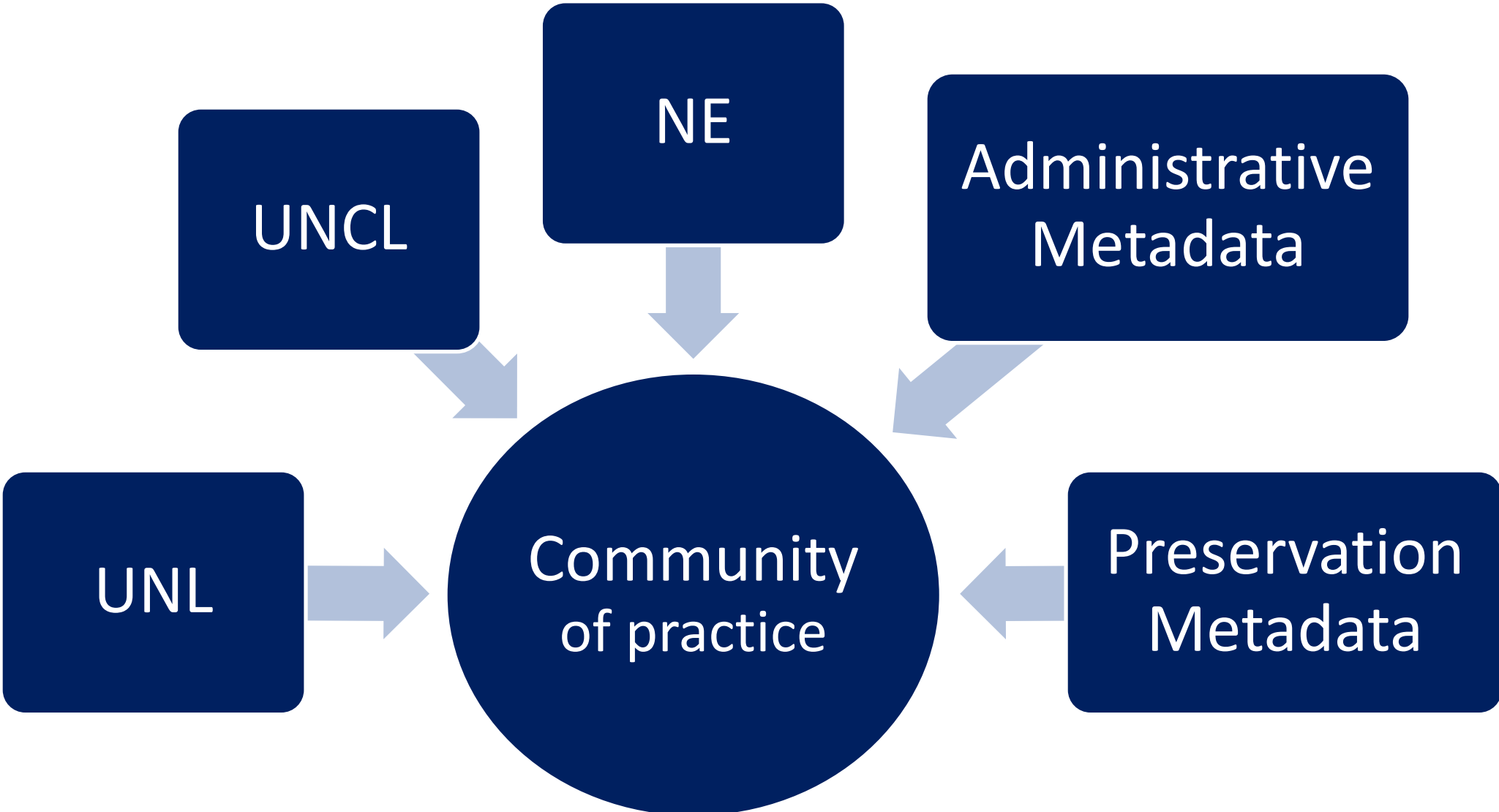
[HOME](#) | [HANDBOOK](#) | [FACTSHEETS](#) | [FAQs](#) | [RESOURCES](#) | [REGISTRATION AGENCIES](#) | [NEWS](#) | [MEMBER](#)

The DOI® System

ISO 26324



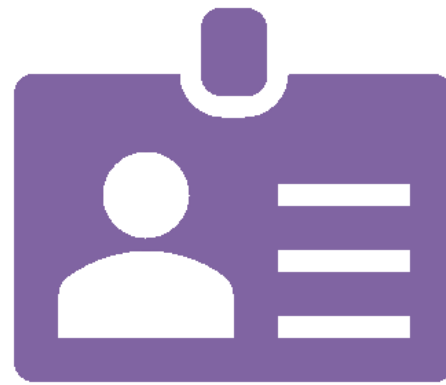
Future Possibilities



Questions?

Thank you!





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