

Standards (or lack thereof) in Institutional Repositories



Sarah L. Shreeves

IDEALS Coordinator
University of Illinois at Urbana-
Champaign

DLF Fall Forum 2007

Illinois
Digital
Environment for
Access to
Learning and
Scholarship



issues in the ir environment



- Very diverse types of material from diverse disciplines - difficult to impose one controlled vocabulary for subjects
- Reliance on faculty deposit and description – tension between ease of deposit and full description
- Reliance on full text indexing – metadata not a high priority
- Limited resources for technical development and resource description





Search IDEALS

GO

[Advanced Search](#) ▶

Browse IDEALS

[Titles](#) ▶

[Authors](#) ▶

[Subjects](#) ▶

[By Date](#) ▶

[Communities](#) ▶

My IDEALS

[Login To My IDEALS](#) ▶
(UIUC users only)

[Non-UIUC Login/Register](#) ▶

Information

IDEALS News

What is IDEALS? IDEALS collects, disseminates, and provides persistent and reliable access to the research and scholarship of faculty, staff, and students at the [University of Illinois at Urbana-Champaign](#). [Learn more.](#)

Faculty, staff, and graduate students can deposit their research and scholarship - unpublished and, in many cases, published - directly into IDEALS. IDEALS includes research papers, technical reports, published papers, pre-prints, conference papers and presentations, datasets, and other digital research material. [Learn more.](#)

Departments can use IDEALS to distribute their working papers, technical reports, or other research material. Contact [Sarah Shreeves](#), IDEALS Coordinator, for more information.

[login](#) | [Non-UIUC login](#)

Recently Added Documents

2007-Nov-5 - [Agriculture's Drive And Dine Menu](#)

2007-Nov-5 - [Pork Industry Looks For Third Profitable Year](#)

2007-Nov-5 - [Can Pork Producers Handle \\$3.00 Corn?](#)

RSS 1.0

RSS 2.0

Top Downloads this Month

[DSpace How-To Guide: Tips and tricks for managing common DSpace chores \(Now serving DSpace 1.4.2\)](#)

some basics about our environment



- Use DSpace 1.4
- Allow departments to make decisions about workflows in their ‘communities’ [within the collection policy, of course]
- Have an open community for faculty, staff, and grad students so no direct contact with faculty or department is necessary

our metadata workflow



- We don't have a metadata workflow
- We have very few required fields – title, year of 'publication', type of content (as in dcmi type), one subject keyword
- We don't approve metadata, we don't check metadata item by item

we do some work with metadata



- Bulk import
 - IDEALS maps metadata from native formats (usually highly customized) to the QDC in use
 - Determine what to include and what not to include
 - Normalize and add fields where possible
- Deposit items for faculty



we do use some standards



- Qualified Dublin Core (DSpace out of the box schema with some very slight additions and corrections)
- OAI PMH data provider with simple Dublin Core
- Enforce a few encoding schemes for date, language, type



5	contributor	illustrator	for Illustrators]	Update	Delete...
6	contributor	other	[NOT USED BY IDEALS - use <u>dc:contributor</u> for all contributors]	Update	Delete...
1	contributor		support or additional content, for example an editor, illustrator, or an <u>advisor</u> for a dissertation. Use <u>Creator</u> for the author/creator of a resource.	Update	Delete...
7	coverage	spatial	Spatial characteristics of content. Used when mapping from MARC / MODS. Repeatable. Not available from user deposit interface. MARC Mapping: 650\$a; 651\$a; 752\$a\$b\$c\$d\$f	Update	Delete...
8	coverage	temporal	Temporal characteristics of content. Used when mapping from MARC / MODS. Repeatable. Not available from user deposit interface. MARC mapping: 650\$y; 651\$y	Update	Delete...
9	creator		An entity primarily responsible for making the resource. Repeatable. Depositor supplied. Uncontrolled. MARC Mapping: 100, 110, 111	Update	Delete...
11	date	accessioned	Date IDEALS takes possession of item. Required. Not repeatable. System supplied. ISO 8601 encoding scheme in use.	Update	Delete...
12	date	available	Date or date range item became available to the public within IDEALS. Required. Not repeatable. System supplied. ISO 8601 encoding scheme in use.	Update	Delete...
			[NOT USED BY IDEALS] - Date of copyright.		

we don't use others



- Metadata in use is not 'standard'
- No standard controlled vocabularies in use for:
 - Subject
 - Genre
- No authority control
 - Names



Conversations

Kendall, Lori

video
masculinities
persistent conversation
animation

2007-Jan-7

IEEE

hicss, p. 76b, 40th Annual Hawaii International Conference on System Sciences (HICSS'07), 2007

With the availability of relatively easy-to-use tools for online video creation and distribution, people are increasingly producing videos not just for artistic expression, but also as a form of communication. This article examines two types of online video conversations, one within a specific online subculture, and one a series of responses to one particularly wellknown video. Videos lend themselves to the expression of ambiguity, contradictory meanings, taboo topics, and emotions. Within these two video conversations, topics include discussions of masculinity, identity, and fame.

<http://hdl.handle.net/2142/705>

text

article

published or submitted for publication

is peer reviewed



Title: 3D scene modeling for Distributed Video Coding

Authors: Maitre, Matthieu
Guillemot, Christine
Morin, Luce

Keywords: Video coding
Stereo vision

Issue Date: 2006-Oct

Publisher: IEEE

Citation Information: International Conference on Image Processing (ICIP)

Abstract / Summary: The compression efficiency of Distributed Video-Coding (DVC) suffers from the necessity of transmitting a large number of key-frames which are intra-coded. This paper describes a new 3D model-based DVC approach which reduces the keyframe frequency. The decoder first recovers a 3D model from the key-frames. It then predicts the intermediate frames by projecting it onto 2D image planes and applying image-based rendering techniques. This paper also introduces a new quasi-DVC method relying on a limited point tracking at the encoder. It greatly improves the prediction PSNR, while only slightly increasing the encoder complexity. It also allows the encoder to adaptively select the key-frames based on the video motion-content.

URI: <http://hdl.handle.net/2142/159>

Type of Resource: text

Genre of Resource: conference paper

Publication Status: published or submitted for publication

Peer-Reviewed: is peer reviewed



Communities have developed their own 'controlled' vocabularies



[Previous page](#)

[Next page](#)

Koninklijke Bibliotheek (KB)
Krannert Art Museum
Krannert Center
La Casa Cultural Latina
Labor
Laboratories -- High schools -- Illinois -- Chicago -- Safety measures
Laboratories -- High schools -- Pollution prevention
Laboratories -- High schools -- Source reduction (Waste management)
Lake Calumet
Lake Depue (Ill.) -- Environmental aspects
Lake sediments
Lake sediments -- Toxicity -- Illinois -- Peoria Lake
Lake sediments--Analysis--Illinois--Cook County
Land Reform
Landscape Architecture
Language
Latin America
Latino children's books
Latino/a
Law
law

LCSH



(from working paper series)

Keywords

keywords



[Previous page](#)

Aviation
Bars
Bike Racks
BTW250
Budget
Businesses
Carle
Central Black Student Union (CBSU)
Champaign-Urbana
Charity
Cheerleading
Chief Illiniwek
Class
Cognitive Science
Community Service
Computer Science
Departments
Development
development
Dialect AAVE
Disability

[Previous page](#)

[Next page](#)



Ethnography of the University Initiative



[Next page](#)

problems



- Lack of consistency in:
 - Completeness of description
 - Fields used
 - Vocabulary used
- Interoperability suffers (not very shareable metadata)
- Not recording relationships between items very well
- Metadata in use sometimes not sufficient
- Beginning to get more non-textual items

what can we do to address these problems?*



- Developing (slowly) an AJAX based application that allows a community to build a common set of subject terms as deposits occur
 - At the point of deposit, can select from terms used by others in the community or create new one
 - Also could be used for author field
- Reusable templates of recurring metadata for different collections

*These are things that we're actually working on or on our development list



our wish list



- Ability to select from creation of a collection appropriate metadata schema
- Ability to easily use different controlled vocabularies
- An accepted standard for author identifiers
- Ability to map relationships between items



contact Information



Sarah L. Shreeves

sshreeve@uiuc.edu

217-244-3877

