Dissertations in IUScholarWorks

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DIGITAL LIBRARY PROGRAM

INDIANA UNIVERSITY

Libraries/University Information Technology Services

Overview

- Project Overview
- Permissions and Copyright
- Technical Details

IUScholarWorks

- Set of Services
- Institutional Repository
- DSpace Software
- Collections and Communities

Dissertations

- PhD dissertations
- Open Access
- Persistent URL
- Indexed in Google
- Preservation

Current Environment

- Graduate School Requirements/Options
  - Print
  - Electronic
- Student submits to Proquest
  - Can pay OA fee ($95)
  - Can register copyright ($65)
  - Can embargo (6mo, 1yr, 2yr)
  - Student supplies abstract, keywords, etc.

Current Process

- Proquest sends the student-submitted files back to the library

Current Process

Current Process

- List of dissertations that are available but hidden

Copyright

- 1976 Copyright Act, Section 106
  - Reproduce
  - Distribute
- Life of the Author + 70
- Embargoed for 200 years

- IU IP Policy
- Permissions needed

Track ‘em Down

- Alumni Association
- Departments
- Google
- Linked In
- Facebook

Begging

Contact!

- Email is sent explaining project
- Link to permissions form
- Can attach a Creative Commons License
- Can embargo

Keeping track

- Excel Spreadsheet

May	Heather		hemay@auburn.edu	hemay@indiana.edu	8/3/2009Declined
Foundalis	Harry	Elias	hfoundal@yahoo.com	hfoundal@cs.indiana.edu	8/5/2009Declined
Modi	Sachin		sachin.modi@utoledo.edu	smodi@indiana.edu	8/8/2009Declined
Vuic	Jason	Charles	jvuic@bridgewater.edu	vuic.1@osu.edu	8/12/2009Declined
Wooden	Ontario	Sherrod	owooden@nccu.edu	ontario.wooden@asurams.edu	8/17/2009Declined
Goldman	Sarah		sarah.goldman@us.army.mil	not imported yet	Declined
Kollbaum	Pete		kollbaum@indiana.edu	kollbaum@indiana.edu	7/31/2009Declined--wait one year
Koksal	Bulent		bkoksal@gmail.com	bkoksal@indiana.edu	7/21/2009embargo set
White	Joshua		whitejc@umich.edu	jocwhite@indiana.edu	7/26/2009embargo set
Timar	Adam		adam.timar@hcm.uni-bonn.de	atimar@indiana.edu	7/20/2009Granted
Strapoc	Dariusz		dariusz.strapoc@conocophillips.com	dstrapoc@indiana.edu	7/21/2009Granted
Karp	Jason	Roger	jason@runcoachjason.com	jason@runcoachjason.com	7/22/2009Granted
Evans	Tim		tim.evans@wku.edu	tevans@bio.indiana.edu	7/23/2009Granted
Lessing	Lauren	Keach	llessing@colby.edu	lkeach@indiana.edu	7/23/2009Granted
Bass	Christopher		christopher.bass@nist.gov		7/23/2009Granted
Procopio	Claire	H	claire.procopio@selu.edu	sproco1@lsu.edu	7/26/2009Granted
Scherle	Ryan		rscherle@acm.org	rscherle@acm.org	7/26/2009Granted
Alter	Randi	J.	rjalter@indiana.edu	rjalter@indiana.edu	7/26/2009Granted
Prause	Nicole		nprause@isu.edu	nprause@indiana.edu	7/28/2009Granted
Webb	Michael		michael.webb@tufts.edu	micwebb@indiana.edu	7/28/2009Granted
Beltran	Chris		chris.beltran@stjude.org		8/1/2009Granted
Christopher	Cox		dchristophercox@gmail.com		8/3/2009Posted
Kim	Yun-Su		Yun-Su.Kim@utoledo.edu	kimys@indiana.edu	8/3/2009Granted
Mayer	Jamie	F.	jmayer1@niu.edu	jfmayer@indiana.edu	8/3/2009Granted

By the Numbers

- 800 Dissertations + 908
- 665 Authors Contacted
- 134 Authors Not Found
- 86 Gave Permission
- 67 Posted
- 35 Declined
- 2 Embargoed

Future Non-Technical Developments

- Work more closely with the Graduate School to obtain permissions earlier in the process
- Statewide IT Conference
- Education and Outreach efforts

Technical Objectives

- Implement a drop box processor for automatic ingestion of content
- Implement an embargo system for hiding of records (bitstreams and metadata)
- Synchronize dissertation metadata between DSpace and IUCAT

Drop Box Processor

- Originally Perl, ported to Java and integrated into DSpace code base
- Uses an XML-based collection file to specify collection parameters
- Can be used for ANY arbitrary DSpace collection
- Generic enough to be used by non-IU institutions
- Can create new items, and also update existing items (bitstreams and/or metadata)

Drop Box Processor – Basic Functions

- Examine incoming folders (possibly zipped)
- Perform any needed XSL transformations to create DC metadata, bitstreams, contents lists, and author lists
- Ingest items into DSpace, including bitstreams, using the ItemImport class
- Automatically set embargo terms
- Email results, including handle URL's
- Move original files to backup location

collection.xml sample

```
<collection>
   <collectionName>DISSERTATIONS</collectionName>
   <metadataTransformer>UMItoDSpace.xsl</metadataTransformer>
   <eperson>sample@indiana.edu</eperson>
   <handle>2022/3086</handle>
   <embargoMonths>2400</embargoMonths>
   <adminEmail>sample@indiana.edu</adminEmail>
   <dspaceLoc>https://scholarworks.iu.edu/handle/</dspaceLoc>
</collection>
```

Drop Box Processor – Current Use

- Drop Box Processor is currently in production use for the dissertations collection, as well as The Medieval Review
- The Medieval Review drop box transforms a single XML file into both DC metadata and an HTML bitstream

Embargo Patch

- Our starting point for embargoes: Johns Hopkins DSpace patch to use embargoes in DSpace 1.5.1
- New database table stores embargo information on an item-by-item basis
- Embargoes can be enabled for any collection in the repository

Embargo Patch - Customizations

Our customizations fell into 4 main areas:

- Keep metadata completely hidden for embargoed items
- Alter embargo terms without removing embargo
- Allow admins to view hidden items
- Keep search and browse indexes up-to-date

Embargo Patch - Customizations

Metadata should be completely hidden

- Items should not appear in OAI output
- Items should not appear in search and browse
- Item will not show in total item counts
- Item title should not appear when accessing item's handle

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IU ScholarWORKS repository

Login

About the Repository | E-Scholarship @ IU

Repository Home > Dissertations (Bloomington) > Dissertations (Bloomington) > View Item

Search

Go

Entire Repository
This Collection

Advanced

Browse

Entire Repository

Communities & Collections
By Issue Date
Authors
Titles
Subjects

This Collection

By Issue Date
Authors
Titles
Subjects

My Repository

Login
Register

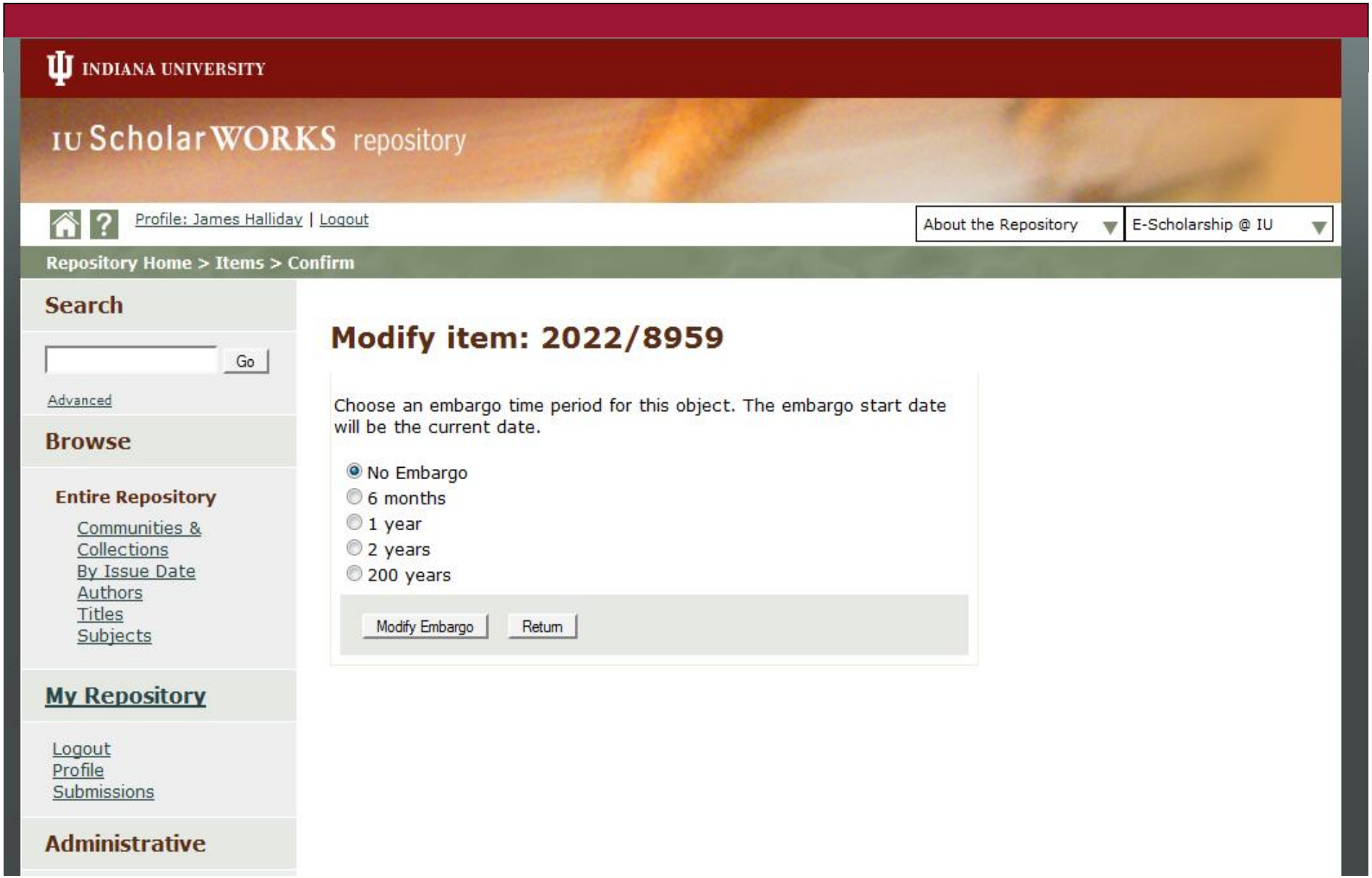
2022/6947

This item is currently embargoed, and is not available.

Embargo Patch - Customizations

Alter embargo terms without removing embargo

- Interface changes (Java and Javascript) to allow an admin user to change, remove or add embargo
- Our embargo terms include a ‘pseudo-infinite’ term of 200 years
- Other terms include 6 months, 1 year, and 2 years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IU ScholarWORKS repository
Profile: James Halliday | Logout
About the Repository
E-Scholarship @ IU
Repository Home > Items > Confirm
Search
Go
Advanced
Browse
Entire Repository
Communities & Collections
By Issue Date
Authors
Titles
Subjects
My Repository
Logout
Profile
Submissions
Administrative
Modify item: 2022/8959
Choose an embargo time period for this object. The embargo start date will be the current date.
No Embargo
6 months
1 year
2 years
200 years
Modify Embargo
Return

Embargo Patch - Customizations

New java class (IUSWEmbargoTask.java) runs nightly

- For items where the embargo has recently expired, make sure item is in search and browse indexes
- For items still under embargo, make sure item is included in a (password-protected) HTML page that lists all embargoed items

Future Work

- Synchronization between IUCAT and DSpace
  - Notify Technical Services when dissertation made public, provide Handle
  - Overlay IUCAT record to enrich DSpace metadata
- Upgrade DSpace version
- Make our code public

Credits

- Magician Clip-Art from Microsoft
- Dog Image: http://www.flickr.com/photos/suzie/4121940187/

Questions? Comments?

Contact: Jim Halliday (jhallida@indiana.edu)
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Repository website:
https://scholarworks.iu.edu/dspace/

Dissertations collection:
https://scholarworks.iu.edu/dspace/handle/2022/3086